



DIBRUGARH UNIVERSITY  
*Golden Jubilee Year  
 Celebration*  
**Special Issue**



# The DU Gazette

The Biannual *Newsfeed* of Dibrugarh University



### *In this Issue*

<b>NOTE FROM THE VICE CHANCELLOR</b>	02
<b>EDITORIAL</b>	03
<b>CELEBRATING 50 YEARS</b>	04
<b>NEWS &amp; EVENTS</b>	
■ Auxesis 2014	05
■ Ninth Convention of PLANNER	06
■ Outreach Programme . . .	07
■ Colloquium Deliberations	08
■ Coaching Programme on ...	11
■ Scholars-in-Residence...	12
■ HR and Industry-Academia ...	12
<b>ACTIVITIES AT THE DEPARTMENTS...</b>	13
<b>ACHIEVEMENTS</b>	28
<b>PUBLICATIONS</b>	36
<b>BOOKS PUBLISHED</b>	42
<b>PLACEMENTS OF STUDENTS</b>	43
<b>APPOINTMENTS</b>	44
<b>OBITUARY</b>	44
<b>PHOTO GALLERY</b>	45

### **Inauguration of the DU Golden Jubilee Year Celebration**

The Dibrugarh University Golden Jubilee Year Celebrations got off to a scintillating start with the Inaugural Function on the Foundation day of the institution on 1 July, 2014 at the *Rang-ghar*. The day-long programme was graced by several eminent dignitaries of all walks of life as well as noted academicians of the country. The Chief Minister of Assam, Sjt. Tarun Gogoi, in his address, congratulated the University on completing its glorious fifty years. He emphasised on the introduction of skill-based, self-sustaining courses, including vocational ones, saying it was the need of the hour for thinking out of the box and coming out with innovative ideas. His hour-long deliberation was followed by four special orations by Prof. Gautam Biswas, *Director, IIT Guwahati*; Prof. Samir Bhattacharyya, *Senior Scientist, National Science Academy India* and Prof. Emeritus, *School of Life Sciences, Visva Bharati*; Prof. Pratha S. Ghosh, *Former Professor JNU and Senior Fellow, Nehru Memorial Museum and Library, Teen Murti House, New Delhi* and Prof. Nagen Saikia, *Noted Literateur and Former President of Axom Sahitya Sabha*. They all emphasised on the role of universities in generating value-based education for the creation of efficient human resources for the society. Prof. Alak K Buragohain, *Vice-Chancellor*, in his welcome address underscored the contributions of the past members of the faculties, officers and employees. He stressed upon the importance of a concrete vision for the future and adumbrated upon the challenges ahead. The day commenced with unveiling of the bust of late Dr LP Dutta, First Rector, Dibrugarh University, who was instrumental in the establishment of the university in 1965. Another notable highlight of the function was the formal release of eight books published by the Dibrugarh University Publication Division.



## *A Note from the Vice Chancellor...*

July 2014 ushered in a special year for Dibrugarh University. The year will end marking the fifty years of this hallowed institute of higher learning. The historic decision to establish the second University was taken by the then state Government of Assam in July, 1963 and the formal beginning was made two years later on July 1, 1965 after the Dibrugarh University Act was made in 1965 by the State Legislative Assembly of Assam. Initially the University started its teaching programmes in a few subjects like Assamese, English, Economics, History, Political Science, Physics, Chemistry and Mathematics at the D.H.S.K College, a premiere College of upper Assam in Dibrugarh which was established in 1945 as the 'Dibrugarh College'. Subsequently, the University shifted to its present permanent campus in



1968. Befitting as it is, the University is celebrating the year beginning from July 1, 2014 as the 'Golden Jubilee Year'. As we look back at the journey of the University during the last half a century, we pay our respectful homage to all those, whose invaluable contribution made possible the birth of the second University of Assam. Special acknowledgement is due to the benevolent act of late Hanuman Box Kanoi, a Padmashri awardee, who donated an amount of Rupees Twenty Six lakh towards the establishment of the new University. The universally acknowledged role, relevance and importance of philanthropy in the spread of knowledge among humanity through establishment of University are still there and shall always remain for all time to come.

Dibrugarh University which began with twenty five affiliating Colleges now has 171 such colleges spread across the seven districts of upper Assam and outside. These include the first Autonomous College of Assam, the North Lakhimpur College. The University now has 17 academic Departments and 21 Centres for Studies offering academic programmes at the undergraduate and the postgraduate levels. The celebrations of the Golden Jubilee Year presents an occasion for introspection, critical review of the University's progress and contribution in the academic growth as mandated in its Act. As we look ahead, we realise the new realities of the world today, the paradigm shifts in the teaching- learning process and the enormous knowledge explosion bringing in sweeping transformation in all spheres of life across the world.

At the juncture of completing fifty years and preparing for its journey ahead, the University needs to take into account its experience of the last half a century for addressing the challenges in the wake of the new realities of the world today and prepare its roadmap for the future. The challenge is enormous and the journey is on with our conviction and commitment.....in search of excellence.



## Editorial



This is the anniversary issue of the biannual newsletter published by Dibrugarh University. We have completed one year since its revival with the inaugural edition in October 2013. It has been a roller-coaster ride in the truest sense of the term. We have committed a few editorial lapses in the form of printer's devil, repetition of matter, omissions, and so forth, thereby being understandably at the receiving end of those whose claim for due recognition had been denied with seeming *chutzpah*. We would like to place on record that we sincerely apologise for these lapses which were inadvertent, and may be attributed to time and deadline constraints, the effect of working against the clock ticking away with a frenetic pace, rendering our task of coming up with a perfect issue a daunting task. However, we have tried to redress part of the grievance in this particular edition by including certain newsfeed from the period prior to this issue's delimiting span (April-October tentatively). This anniversary edition coincides with the *Dibrugarh University's Golden Jubilee Year Celebration 1965-2015*, and therefore we felt it would be apt if we make it the *Golden Jubilee Special Issue*. The tremendous response that we have received the past year, and the overwhelming one for this in terms of matters received from the various departments/centers, have placed us in a quite enviable, yet existentialist conundrum. Such a happy trend is an undeniable reflection of the quantum leap of academic activities that have occurred during the past six months. The nature of the problem is related to the question of what could be the 'right' dimension of a newsletter. Can a newsletter afford to assume the size and density of a newsmagazine? How many pages should a newsletter be confined to in order to legitimize its existence as one? How do we restrict the space to a definable limit when newsfeed exceeds the limit imposed? If we rename it as *DU Newsmagazine*, would that be proper? But, just as the word 'letter' signifies a 'form' of text that is assumed to be of a certain size and magnitude, the term 'magazine' has been assumed to carry a connotation that somewhat divests it off the aura of academic sobriety, paradoxically investing it with popular, flippant iconic value. It perhaps renders the task of effecting the terminological shift from newsletter to newsmagazine inappropriate. Therefore, we have decided to rename the newsletter as *DU Gazette*, the term 'gazette' bearing the meaning "an official document containing public notices, appointments, etc." (as defined in *The New Collins Concise Dictionary of the English Language*). This term, while evoking the sense of ratification by some 'authority-function', still underscores the necessity of official recognition as a means of achieving legitimacy. Taking into consideration this and a few other factors, *DU Gazette* is the name that has been mooted. While the terminological shift would not necessarily signify a complete overhauling of the gazette's earlier avatar, from time to time certain changes would be effected to bolster its quality and readability. The voluminous nature of the present issue has enabled the decision (albeit painfully) not to include our regular 'Special Feature' this time. We have tried to put in our best to ensure that the activities of the university from Spring to Autumn 2014 gets reflected in the way it deserves. Hope you appreciate the effort! We shall be eagerly looking forward (as always) to your valued suggestions and recommendations, bouquets and brickbats. Meanwhile, let's welcome *DU Gazette* as a true chronicler and mirror of our university's best holistic practices!



# CELEBRATING 50 YEARS OF ACADEMIC EXCELLENCE



**Dr. Rupam Saikia,**  
*Director, College  
Development Council,  
Dibrugarh University*

The Dibrugarh University, the second affiliating University of Assam and the eastern most University of the country is on the verge of completing its Golden Jubilee on 1 July 2015. In its fifty years of existence, it has ensconced its identity as one of the prime movers in cultivation and dissemination of knowledge with modern pedagogical practices. By keeping in sync the institutional vision envisaged by its fountainheads and cognizant of the

paradigm shifts that have occurred in the wake of the digital revolution of the twenty-first century, the University has striven to maintain its burgeoning brand value. The University which started its glorious journey with about twenty six number of affiliating colleges and a few teaching departments in the Humanities from the premises of the Hanuman Box Surajmal Kanoi Commerce College on 1 July 1965, has now added to its fold more than 170 affiliated colleges, 17 number of Teaching Departments, one constituent Engineering Institute, and 21 Centres for Study in the campus. True to its professional commitment and institutional vision, the University by overstepping financial and such other constraints, has carved a unique niche which has become an elixir in its quest for marching ahead. The five leading colleges under the University, namely J B College, D C B Girls' College, North Lakhimpur College, DR College and Lakhimpur Girls College have brought laurels to it by being accredited with Grade 'A' by the NAAC and the North Lakhimpur College has earned the unique distinction of being the first Autonomous College of the State. The remoteness of some places under the jurisdiction of the University which encompasses roughly 28% of the total geographical area of the entire State, have, without doubt, posed challenges in terms of dissemination of knowledge. Having said this, it needs to be iterated that these issues are being increasingly addressed by blending pedagogy with technology, and by imbibing the spirit of equity, expansion, quality and excellence championed by the leaders of higher education in the National Policies.

As the trajectory of growth and development in the 21<sup>st</sup> century is propelled by ideas and innovations rather than capital, the University has been relentlessly striving to raise the bar by infusing a new spirit into the research programmes by expansion of vistas. By adhering to the urge for integration of the universal values with a scientific mind, the university is committed towards the cause of generating cultural and knowledge capital for leading the society in a meaningful direction.

Collaborations being considered an important segment of research, the Dibrugarh University has laid a strong foundation of collaboration with a few premier overseas centres of research in some emerging areas. The vivacity of the intellectual life of the institution may be retained to a great extent by its inherent capabilities of identifying the lineaments of the changes in higher education and corresponding responsiveness to address the same with undaunted professional skills. The skills required for the same are to be integrated in the system as the natural consequences of persistent efforts of an innovative mind. The collaboration deserves to be acknowledged perforce a plank of such a mission for transformation of the institutional visions into concrete achievements. On this auspicious moment when we are celebrating the Golden Jubilee Year, it may be made momentous by a collective pledge by the entire University fraternity for transformation of the visions of its great architects into reality. Such commitments not only rejuvenate us but also shake off the complacency from our minds in our zeal and indefatigable efforts to attain the zenith of academic success.



*In Quest of Excellence...*



# NEWS & EVENTS

## Auxesis 2014



Cultural performance at the inauguration of Auxesis 2014

The annual techno-cultural and management festival **Auxesis 2014** got off to a flying start with a slew of social initiative programmes conducted with a noble cause. The fest commenced with *Light a Smile*, an initiative taken to bring smiles of joy to the unprivileged people of the nearby areas through the donation of clothes, books and medicines. Thereafter, the *Tree Plantation* drive on the campus was undertaken. The fest conducted their annual marathon *Dibrurun*. One of the remarkable events of this year was *Nakshatra*, the eye donation drive, which concluded successfully with 150 volunteers pledging to donate their eyes. The students from the Moran School for the Blind were invited and a sum of Rs 15,600 was donated to the school by Kaushik Karan Bora, Student convenor of *Auxesis 2014* on behalf of the organisers. With the aim of the theme - *Technology Built-in Brotherhood*, the fourth edition of *Auxesis* kicked off on the afternoon of 19 September, 2014 with an extravagant and colourful inauguration ceremony.

The ceremony was graced by the Prof. Alak K Buragohain, Vice Chancellor, Prof. D. Ramaiah, Director NEIST, Col. Pusham Singh (of JAK Regiment), Indian Army, as well as other dignitaries of the university. The tech-fest was divided into five major modules - Technical, Cultural, Creativity, Sports and Management events. Events in the Technical module covered the engineers' workshops *Ethical Hacking* and *Artificial Intelligence*, various robotic competitions in which students from all over Assam and other states participated. The cultural module covered various events like *Cultural Exchange – a group dance competition*, *Kalliestia – fashion show*, *Ransack – a Rock Band Competition*, among others. *Providence*, a band from Mumbai also performed on the third day of *Auxesis*. A DJ night was also organised on the last day, that is, Day 4, which saw Vh1 Supersonic DJ *Gurbax* performing. A Talk by Akash Gautam and Webinar by Prof. Anil Kr. Gupta, IIM, Ahmedabad were the other significant events of *Auxesis 2014*.



## The 67<sup>th</sup> Independence Day Celebrated

The 67th Independence Day was celebrated with pomp and gaiety near the precincts of the DU Administrative Building on 15 August 2014. The Vice Chancellor, Prof. Alak K Buragohain inaugurated the glorious occasion by hoisting the National Tricolour flag. The students of the various departments and centers of study performed the March past amid the rhythmic beats of drums and trumpets scored by the Dibrugarh University Model School's brass band. Prof. Buragohain delivered an inspirational oration in which he recounted the contributions of the great architects of the nation and emphasized on the need to remember their sacrifices, as well as celebrate the occasion as a mark of our immense indebtedness and gratitude towards their noble cause. The day-long event was marked by various activities, such as, art competitions, a friendly football match between students of two hostels, display of gymnastic skills, screening of a patriotic movie at the Rang-ghar, among others. The university also donated a large number of books to two nearby village schools to augment their library resources.

## Ninth Convention of PLANNER

The Ninth Convention of **PLANNER** (*Promotion of Library Automation in North Eastern Region*) was organized by Dibrugarh University in collaboration with INFLIBNET Centre, Gandhinagar, Gujarat, on the theme *Capacity Building in Library and Information Services* from 25 to 27 September, 2014. The convention provided an excellent platform for 187 registered delegates and a large number of distinguished professional experts from different parts of the country representing institutes like the IIMs and IITs to share their rich experience. The conference featured two tutorials on *SOUL 2.0* and *Institutional Repository* building using D-Space, four theme papers, 45 research papers and including eight commercial presentations. The inauguration of the conference was marked by the presence of such eminent personalities like Dr. Kalpana Dasgupta, Chairperson, Working Group on Libraries for the National

Knowledge Commission, Government of India, Dr. Ravinder Kumar Chadha, Additional Secretary, Parliament of India, Lok Sabha Secretariat, New Delhi, Dr. Jagdish Arora, Director, INFLIBNET Centre, and many others from Library and Information Sciences fraternity and Computer Science professionals from across the country. The inaugural ceremony began with Dr. Utpal Das, Organising Secretary, *PLANNER 2014*, extending a warm welcome to the delegates. Dr. Jagdish Arora Director INFLIBNET Centre released the Conference Proceedings. Dr Arora in his speech enumerated a number of activities and programmes by the INFLIBNET designed for the North Eastern Libraries. He observed that the information-seeking behaviour pattern of the user in ICT environment has changed drastically. He urged all the professionals to understand and assess the requirement of the users and offer effective services. On



**Dr. Jagdish Arora**, Director, INFLIBNET; **Dr. Ravinder Kumar Chadha**, Additional Secretary, Parliament of India, Lok Sabha Secretariat, New Delhi; **Prof. Alak K Buragohain**, Vice Chancellor, Dibrugarh University; **Dr. Kalpana Dasgupta**, Chairperson, Working Group on Libraries for the National Knowledge Commission, Government of India at the Convention

this occasion, a book written by Prof. Subarata Borgohain, Head, Department of Petroleum Technology, Dibrugarh University titled *Petroleum Technology: Enhancing Oil Recovery Techniques* published by the Oxford University Press was also released. Dr. Ravinder Kumar Chadha, Additional Secretary, Parliament of India, Lok Sabha Secretariat, New Delhi, released the Conference CD and delivered the inaugural address wherein he emphasised on the use of upgraded information-seeking tools. He further observed that there was a need to have common facilities for WiFi connectivity, multimedia presentation, discussion rooms, leisure sitting, etc. There should be provision for interactive media for libraries. Technology should be used properly to have regular feedback from the users, so as to improve the services and enhance the quality of services, he concluded. The conference souvenir was released by the Chief Guest, Dr. Kalpana Dasgupta. In her keynote address, she deliberated on the current status of LIS education in the

country and emphasised on improving the quality of library services, touching on measures to uplift the standard of the profession. Dr. Dasgupta emphasised that the library professionals should develop leadership qualities, and that librarians should be good administrators as well. Prof. Alak K Buragohain emphasised that ICT should be used to connect the traditional and modern library systems. He further informed that libraries should take initiatives to preserve the enormous content which have been ignored in traditional libraries. He suggested that e-resource and ICT should be used to restructure teaching and learning process in the academics. Mr. Abhishek Kumar, Convener, PLANNER 2014 proposed the vote of thanks. A colourful cultural function was arranged in the evening, showcasing traditional dance forms representing various ethnic groups of Assam and the North-East along with songs and pantomime shows.

### Outreach Programme : Extending our Helping Hand



Students volunteers distributing relief materials at Baroghoria ME School, Bogibeel

**The Centre for Juridical Studies and the Equal Opportunity Cell**, Dibrugarh University, organized a flood relief camp as Extension Service at Baroghoria M.E. School, Bogibeel, on August 31, 2014. The students distributed various relief materials like food, clothes, study materials, etc., to more than 200 flood affected families. The relief materials were collected from members of the University community, including the teachers and students of the various teaching departments. The representatives from the Circle Office, members of the Rupahi Sangha, Bogibeel and the students from the Centre for Juridical Studies helped in the distribution of the Relief materials. As a part of the flood relief operations, the committee also distributed books, copy books, pens and pencils to the students staying in the relief camps. The Vice-Chancellor, Prof. Alak K Borgohain, took an active interest and encouraged the efforts of the

teacher and students for the success of the programme. The students were accompanied by Deepom Boruah, Assistant Professor, Centre for Juridical Studies and Organising Secretary of the flood relief programme.



Deepom Boruah, faculty member, CJS, distributing study materials



## Vigilance Week, 2014

**Vigilance Week, 2014** was observed at the Dibrugarh University on October 30, 2014 amidst the gathering of the members of the Vigilance Wing and all the officials of the University Administration. Prof. Nitul Kumar Gogoi, Vigilance Officer, Dibrugarh University, delivered the thematic address *Combating Corruption: Technology as an Enabler*. Deliberating on the issue Prof. Gogoi emphasized upon the use of appropriate information technology, full cooperation and participation of all the stakeholders to fight the menace of corruption. Prof. Deb Kumar Chakrabarty, *Head, Department of Economics*, in his deliberation urged upon the academic community to make optimum use of technology to make the university service delivery system more efficient and user-friendly. Mr. Binud Chandra Borah, *Deputy Registrar, Academic*, opined that the university community ought to take an active part in the fight against corruption. Prof. Dipak Chetia, *Department of Pharmaceutical Sciences* in his Chairperson's remark highlighted upon the positive aspects of technology and at the same time stressed upon the need to maintain integrity at the work place.



Prof. Nitul Kumar Gogoi, Vigilance Officer, addressing the gathering

## Colloquium Deliberations

### Prof. Maitrayee Chaudhuri Speaks on the Challenges and Possibilities of Social Sciences in the New Millennium



Prof. Maitrayee Chaudhuri, School of Social Sciences, JNU addressing the audience

Prof. Maitrayee Chaudhuri, an eminent sociologist, who is the Chairperson of the Centre for the Study of Social System and the Coordinator of the UGC-CAS, School of Social Sciences, Jawaharlal Nehru University, New Delhi was the speaker in the *Colloquium* on 23 May, 2014. Prof. Chaudhuri, who is well known for her extensive works on the

Sociology of Gender and Pedagogy, spoke on the topic *Social Sciences, the University and Society Today: Challenges and Possibilities*. In her lecture, she discussed some of the important dimensions of the interlocution between social sciences, higher education in universities and the understanding of society. She began her discussion by highlighting the problems and prospects of the pedagogy.

According to her, the two important goals that are set for the Social Sciences in a globalised society are the development of better human resources and the development of Social Sciences as academic disciplines. In order to achieve these goals, disciplines such as Sociology and Women's Studies should shed away their marginal status given to them in the hierarchy of scientific disciplines in the universities. The pedagogy of Social Sciences therefore should combine both the cultivation of practical skills and cumulative theoretical knowledge. Such a practice would increase the employability of the knowledge of Social Sciences as well as contribute in enriching the philosophy of Social Sciences. Prof. Chaudhuri emphasized that the cultivation of practical skills include a better understanding of scientific methods, language and pragmatism. However, drawing on the suggestions of Martha Nussbaum and C.N. Rao, she cautioned the vigilant teachers of social sciences regarding the difference between economic and Scientific competitiveness, professional and polytechnic education and between utilitarianism and practice of knowledge. In order to develop the theoretical repository of the Social Sciences, she opined that Social Scientists and teachers should combine empiricism with critical thinking. Rather than accepting the existing concepts and methods, an attempt must be made by the Social Scientists to act as agents of new concepts and revise the existing body of knowledge. For this purpose, the understanding of social



phenomenon and social problems should be contextualized. They must be analysed in the light of their history of emergence and development. Compartmentalization of information and knowledge should be avoided, and interdisciplinary understanding of social issues should be encouraged. Addressing the concerns raised by the teachers and the scholars of the university in an interactive session, Prof. Chaudhuri encouraged them to overcome the existing limitations of educational institutions by taking a proactive role in initiating new pedagogies and increasing interdepartmental cooperation within the university and with other institutions of higher learning in the country as well as abroad.

### **Prof. Bikas Kumar Sinha Deliberates on the Rise of the Indian Middle Class**

Dr. Bikas Kumar Sinha, Former Professor, Indian Statistical Institute (ISI), Calcutta and former member of National Statistical Commission (NSC), Government of India, delivered a talk on *Economic Rise of the Great Indian Middle Class* on 8 May, 2014. The purpose of this talk was to present a study undertaken towards exploring the



**Prof. Bikas Kumar Sinha, ormer Professor, Indian Statistical Institute (ISI), Calcutta and former member of National Statistical Commission (NSC), Government of India**

phenomenon. The study focused on many salient features of our understanding of this economic strength. Statistical issues are nicely investigated and presented in this study. The role of Indian Universities towards continuation of such studies was also highlighted. In his lecture, Dr. Sinha defined the 'Indian Middle Class'. He observed that the Indian Middle Class is not a homogeneous conglomerate of people. It is more a heterogeneous collection of people, more defined by its relationships and values, wealth and income, political and cultural importance as also by its contrast with the upper and the lower classes. He pointed out that this class is not a product of globalisation, but the latter has impacted it rather heavily. The long survival and expansion of the middle class is due basically to its law-abiding nature. This class does not take law into its own hands. The contemporary middle class has three distinct values in the sense of policies of life which are education, hard work and pragmatism. As strength, education has come to occupy the centrestage in the value system of the middle class. This class will borrow, mortgage

property, do everything to get the best of education. In fact, the knowledge industry is thriving because of the patronization of this class. Hard work is again another pivotal value for the middle class. In view of the rise of this middle class in India, there is much scope for the young researchers. The future directions of research includes IT Sector, e-business and e-commerce, e-governance, banking industry, scientific achievements/contributions, film industry/fine arts/academies, and in every sphere the contribution and involvement of the so-called middle class population is remarkable.

### **Prof. Buddhadeb Ghosh Talks on Poverty Alleviation and MGNREGA**



**Prof. Buddhadeb Ghosh, All India Coordinator, MGNREGA Evaluation and Principal Investigator, Border Area Development Projects of Planning Commission, GOI, New Delhi and Eminent Scientist, Economic Research Unit, ISI, Kolkata. in the Colloquium on Growth, Inequality and Vulnerability in Rural India.**

It was graced by Prof. Buddhadeb Ghosh, All India Coordinator, MGNREGA Evaluation and Principal Investigator, Border Area Development Projects of Planning Commission, GOI, New Delhi and Eminent Scientist, Economic Research Unit, ISI, Kolkata. deliberated on the topic *Growth, Inequality and Vulnerability in Rural India: A District Level Study* on 2 August 2014, where he shared his views on the contentious issue of poverty in India. He said that very few areas of research have produced so much path-breaking papers and reports in Social Science as poverty research in India. He argued that despite the popularity of NSSO data on consumption expenditure in poverty research, the nature, composition and absolute measure of people below the poverty line had remained unchanged over the last four decades. Criticising the conventional measure of poverty in India, he tried to present an alternative estimate



from consumption expenditures of NSSO 61<sup>st</sup> (2004-05) and 66<sup>th</sup> Round (2009-10), where he showed that 'conventional poverty line' had become redundant. In his presentation, Dr Ghosh laid emphasis on the status of districts within the states in terms of poverty line, and he found that state-wise poverty line was redundant at the district level within each of the states. Through his estimates, he proved that poverty in India between the periods of the two surveys had not reduced and this also held true for the districts of the various states of India. There had been no indication of convergence of consumption expenditure over the period under study, implying the fact that the rich became richer and the poor poorer. Thus, he wanted to submit that poverty is a spatial phenomenon and state level poverty line cannot be the yardstick to measure poverty in the district level because cost of living varies in the districts. His estimates confirmed the classic conflict of 'growths with rising inequality' that persists in India. Therefore, he asserted that there is urgent need for changing the 'conventional trajectory of planning in India' by Government. The nature of poverty is different in different spaces; therefore, a universal policy would not help in curbing poverty in India. Poverty alleviation strategies should be region-specific. In this context he demanded changes in the implementation of the current MGNREG Act. According to him, programmes under MGNREGA should be restructured and it should be adopted considering the needs and requirements of the concerned district or state. For this, he felt the need of proper resource mapping beforehand.

**Sri H.N. Das, IAS(Retd.) Delivers the Golden Jubilee Colloquium Talk**



Shri H. N. Das, IAS (Retd.), former Chief Secretary, Government of Assam Talks on Federal Finance in India

The **Golden Jubilee Colloquium Talk** was delivered by Shri H.N. Das, IAS (Retd.), former Chief Secretary, Government of Assam, on the topic *Federal Finance in India* on 28 August, 2014 in the New Conference Hall. In his speech, Sri Das stated that Indian polity is federal in structure but unitary in bias. A strong central government is its hallmark. That is

why Dr. B.R. Ambedkar described India's polity as a 'flexible federation'. Sri Das, in his speech, opined that most economists and political leaders feel, and rightly so, that the sources of revenue allocated to the states are not only inadequate but inequitable too. The makers of our Constitution were conscious about this. Therefore, they included certain provisions in the Constitution itself in order to safeguard the interest of the states. They devised a unique system of transfer of fiscal resources from the union to the state governments. By this system, the Union Government was required to share its revenues with the State Governments. The provisions for this purpose have been included in the Constitution. The objectives are, firstly, to enforce national rules and standards and, secondly, to remove vertical and horizontal imbalances. The vertical imbalances refer to imbalances between the union and the states and the horizontal ones refer to imbalances among the states. The idea is to avoid uneven provisions of public services across different states, including allocations in respect of "merit goods" such as education and health-care services. Further, Sri Das highlighted on the controversy which surfaced in recent times related to the ideal proportion of devolution versus grants in the transfers made by the FCs. FC-XI had transferred only 13.5 percent as grants. FC XII preferred more grants. It transferred 18.9 percent as grants. FC-XIII transferred 15 percent as grants. He observed that larger proportion of grants is better because grants are more specific and more focused. Assam also has the problems of the new entities of the 19 tribal and ethnic councils set up at the sub-federal level to satisfy the political aspirations of different small groups. Substantial financial allocations have been given to each of these entities in the state budget. It will be necessary to integrate the fund requirements of these councils by including these in the FC-XIV's recommendations relating to the period of 2015-20. In his opinion, this brief description of the Constitutional pattern of resource sharing between the union and the states in India will show that there is a very close and intimate relationship among them.

**Book Published to Commemorate Sahityarathi Lakshminath Bezbaroa's 150<sup>th</sup> Birth Anniversary**

The Publication Division, DU has brought out a series of books as a part of programmes to celebrate the 150<sup>th</sup> Birth Anniversary of Sahityarathi Lakshminath Bezbaroa. One of the important publications on Bezbaroa is *Bhasha-Bitarka: Bezbaroa Aru Bangar Pandit Samaj*, an analysis of the language debate between Lakshminath Bezbaroa and the Bengali intellectuals, along with a collection of rare articles, news items and photographs released by Mandira Das. It was inaugurated by the VC, Prof. Alak K Buragohain on 14 Oct, 2014, in a function held at Rang-ghar. Prof. Chintamani Mahapatra of JNU also spoke on the occasion conveying his regards to Bezbaroa as a great cultural icon. The Book is an important addition to Bezbaroa studies.



## Coaching Programme on Preparation for Civil Services Examination

The **Centre of Training for Entry into Services**, Dibrugarh University, conducted its Coaching Programme on Preparation for Civil Services Examination from 8-21 September, 2014. 71 students of Dibrugarh University attended the course. In the first phase of the programme, five IAS Officers of the Assam-Meghalaya cadre addressed the participants. Ms Isawanda Laloo, IAS, Assistant Commissioner, Dibrugarh District in her motivational talk shared her method of preparation for the examination. Ms. J. Keerthi, IAS, Assistant Commissioner, Jorhat District interacted with the participants and emphasised on the importance of the right use of newspapers. Sri Ram Kumar Sathurappan IAS, Assistant Commissioner, Sivasagar provided high motivational inputs to the participants. Sri Pawar Narsing Sambhaji, IAS, Assistant Commissioner, Tinsukia in his session shared some success mantras. Dr Jeevan B, IAS, Assistant Commissioner, Nagaon emphasised on having access to a good library. The following faculty members of Dibrugarh University, Prof. V.K. Verma of Centre for Studies in Geography, Sri Borun Dey of Department of Political Science, Sri Chandan Sarma of Department of History, Prof. P. Bezborah of Centre for Management Studies and Prof. D.K. Chakraborty of Department of Economics shared ideas in their areas of expertise. In an inspirational talk, Prof. Alak K Buragohain, Vice Chancellor, emphasised

on the need for good governance of the country and the role of the youth in that governance. He further laid thrust on the development of Soft Skills which is an essential element for the administrators. In the second phase, resource persons from one of the leading coaching centres of the country - Khan Study Group (KSG) of New Delhi conducted intensive sessions on preparation for Civil Services Examination especially the General Studies papers from 15 - 21 September, 2014. Dr. A.R. Khan, the founder of KSG addressed the participants on 15 September by delivering a motivational talk on how to overcome the mental barrier of 'I cannot do it to I can do it', especially while preparing for civil services examination. He further emphasised on how to write a good essay or any descriptive writing. Dr T.S. Rana of KSG delivered his talk on *Geography and Social/Right Issues* during 16-17 September, 2014. Sri S. Monga of KSG dealt with topics in Civil Services Aptitude Test and Related Themes of General Studies on 18-19 September, 2014. Dr. M. K. Sarma of KSG highlighted on issues of Indian Polity, Governance Issues and related themes of General Studies on 20-21 September, 2014. From this course, the centre has identified thirty prospective candidates who have the potential to crack the Civil Services examinations. With these Super Thirty, the centre expanded the Club for Entry to Services.



Ms Isawanda Laloo, IAS, Assistant Commissioner, Dibrugarh, sharing her thoughts



Ms. J. Keerthi, IAS, Assistant Commissioner, Jorhat in action



Dr A.R. Khan of Khan Study Group, New Delhi



Shri S. Monga of Khan Study Group, New Delhi



## The Scholars-in-Residence Programme

- **Dr. Bikas Kumar Sinha**, Former Professor, Indian Statistical Institute, Kolkata was the resource person in the *Scholars-In-Residence Program* held on 7 May, 2014 at Dibrugarh University Guest House. He interacted with 18 research scholars of the various disciplines of the University on a wide array of issues related to their respective research areas.



Prof. Amarjyoti Choudhury, Pro Vice-Chancellor, Tezpur University addressing the scholars

- **Prof. Amarjyoti Choudhury**, Pro Vice-Chancellor, Tezpur University and an eminent figure in Assam's Art and Culture interacted with the students of the University and members of the Dibrugarh University Research Scholars Association (DURSA) on 21 May, 2014.
- Eminent Physicist, **Prof. B.K. Sarma**, Former Professor, Department of Physics, Gauhati University interacted with research scholars of Dibrugarh University on 24 May 2014.
- **Prof. K. V. Bhanu Murthy**, former Head and Dean, Department of Commerce, Delhi School of Economics, New Delhi was in the Scholar in Residence Programme on 8 August 2014. The session was attended by Research Scholars of Commerce, Economics and Management

## HR and Industry-Academia Meet on CSR and Sustainable Development

Keeping in mind the prime objective of reinforcing the Industry-Academia Interaction, the National Institute of Personnel Management (NIPM), Assam Chapter, in association with Dibrugarh University organized the Sixth HR and Industry-Academia Meet on the theme *Corporate Social Responsibility & Sustainable Development* on 30 August, 2014 at Dibrugarh University under the auspices of CMS. The power-packed one-day programme saw presentations, discussions and deliberations on the theme from participants of both industry and academia. The meet started with the Welcome Address

by Shri Dipayan Barua, Chairman, NIPM, Assam Chapter & GM (HR), Oil India Ltd. The Keynote speech was given by Prof. Alak K Buragohain, Vice Chancellor of Dibrugarh University and Chief Guest for the meet. He stressed on the role of academia and new initiatives taken by Dibrugarh University in particular in meeting the requirements of the industry. Shri BP Bakshi, Advisor, NIPM, Assam Chapter, who is a pioneer in HR & Industrial Development in the country, was felicitated with the NIPM Lifetime Achievement Award for his outstanding contribution and services to the growth and prosperity of the NIPM, Assam Chapter and the Society as a whole. Prof. P. Bezborah, Vice-Chairman, NIPM, Assam Chapter & Director, CMS, Dibrugarh University and Shri Rajeev Kalita, Vice-Chairman, NIPM, Assam Chapter & GM(HR), IOCL(AOD) both representing Academia & Industry respectively highlighted the strong connection between



HR and Industry-Academia Meet

Industry-Academia partnership and CSR & Sustainable Development. The deliberations struck a chord with the invited guests Shri NC Deka, GM(ER), OIL and Shri VK Verma, GM(HR), ONGC who provided their perspectives on the theme, the way ahead and why the same is important for sustainable growth. It was followed by two presentations on the theme by Ms. Sabeena Chowdhury of Indian Oil Corporation Ltd. and Ms. Nayana Madhu Dutta of Oil India Ltd.

## ACTIVITIES AT THE DEPARTMENTS AND THE CENTRES

### Department of Applied Geology

#### Fourth Late Bhola Nath Gogoi Lecture Organised

The *Fourth Late Bhola Nath Gogoi Lecture* was organised by the Department of Applied Geology on 8 August, 2014 in the New Conference Hall. In that function, two ONGC Awards and one Dr. S.N. Viswanath Endowment Award was presented to three meritorious students of the department. The function was presided over by Prof. P. Bhattacharyya, Dept. of Applied Geology. The programme was graced by the Chief Guest, Prof. Bhim Kanta Baruah, Department of Assamese, Mr. Firoze Dotiwala, General Manager (Geology), ONGC, Jorhat, Mrs. Usha Viswanath and her daughter Mrs. Sujata and the family members of Late B.N. Gogoi. Dr. R.K.

Examination 2013. Dr. Tapos Kr. Goswami spoke on the career, achievement and the contributions of Late Dr. S.N. Viswanath, former Chief Geologist, Oil India Limited, Duliajan. On this occasion, Mrs. Usha Viswanath, wife of Dr. Viswanath and her daughter Mrs. Sujata addressed the students and other dignitaries. Mrs. Usha Viswanath presented the Dr. S.N. Viswanath Endowment Award of Rs. 10,000/- to Ms. Bulee Gogoi, a 4<sup>th</sup> semester M.Sc. student. This award is given to one of the final semester M.Sc. students annually on merit-cum-means basis. After the award ceremony, the technical session began with a lecture delivered by Mr. Firoze Dotiwala, GM (Geology) ONGC, on



Mrs Usha Viswanath Presenting the Viswanath Endowment Award

Sarmah, Head of the Department, extended warm welcome to the family members of Late B.N. Gogoi and Late Dr. S.N. Viswanath, the dignitaries, students and faculty members of Dibrugarh University. The Chief Guest, Prof. Bhim Kanta Baruah in his address emphasised on the need for hard work and strong commitment on the part of the students for building a career as a geoscientist. Mr. Firoze Dotiwala, GM (Geology) ONGC, Jorhat gave away the ONGC Award of Rs. 60,000/- to Ms. D.P. Monica Saini for securing the highest mark in the 1<sup>st</sup> year of M.Sc. (Applied Geology) Examination 2014. He also presented the ONGC Gold Medal (Cash award of Rs. 1 lakh) to Ms. Warisha Akhtara Ahmed for securing the highest mark in the final year M.Sc.

*The Exploration Strategy, Challenges and Hydrocarbon prospect in the Assam-Arakan Fold Belt.* He highlighted the need of proper exploration strategy to enhance the capability of data acquisition by 2D/3D seismic and structural modelling in the prospective areas of the fold-thrust belt. During the interaction with students, he encouraged them to take up research work with innovative ideas to tackle the problems associated with the fold-thrust belt. Mrs. Mayeurakshi Baruah, a 4<sup>th</sup> Semester student proposed the vote of thanks to all the distinguished persons, including the faculty members, research scholars, students and the family members of Late B.N. Gogoi and Late Dr. S.N. Viswanath.

### Department of Assamese

#### CAS Status for the Department of Assamese

The UGC has awarded the status of *Center for Advance Studies, Phase-II* to the Department of Assamese. The Department has successfully completed its first phase of CAS standard from 2007-2012. It is to be mentioned that due to the appreciable



performance in the Phase-I, the Expert Committee recommended it for the grant of 2 crores for the next five years under the SAP scheme. It is a great achievement for the Department as well as the University insofar as it is the only Department of Humanities in the entire North-East Region to achieve the highest recognition of the UGC under the SAP. The department plans to compile an *Encyclopaedia of the North-east Indian Languages*, an intensive *History of Assamese Literature (in seven volumes)* and a *Grammar of Modern Assamese Language* as specific projects during next five years.

### Prof. Khanindra Pathak Interacts with Students

Eminent educationist, scientist and writer, Dr. Khanindra Pathak, Professor, Department of Mining Engineering, IIT Kharagpur visited the Department of Assamese on 11 September, 2014. During his visit, he took part in a discussion with the faculties, research scholars and students of the department. He also delivered a talk about his experience of literature as a man of science. He suggested the members present to make the Assamese language acceptable in the practical fields of Commerce, Entrepreneurship among others.



Prof. Khanindra Pathak, Department of Mining Engineering, IIT Kharagpur, interacting with the students and faculty members of the Department of Assamese

## Centre for Atmospheric Studies

- A meeting of the DST Programme Advisory Committee on Atmospheric Sciences was held in the Centre for Atmospheric Studies on 18 June 2014. A high level team from the DST comprising of Dr P Sanjeeva Rao, *Scientist G and Advisor, DST, Govt of India*; Dr K Krishna Moorthy, *FNA, FNA Sc., FA Sc., Brahm Prakash Professor, ISRO*; Prof. Archana Bhattacharjee, *Former Director, Indian Institute of Geomagnetism, Mumbai*; Prof. K Niranjana, *Head, Department of Physics, Andhra University*; Prof A Maitra, *Head, Institute of Radio Physics and Electronics, Calcutta University Invitees*; Dr Tarun Pant, *Scientist F, Space Physics Laboratory Vikram Sarabhai Space Centre, Trivandrum*; Dr Asik Paul, *Associate Professor, Calcutta University*; Dr S Thulasiram, *Scientist, Indian Institute of Geomagnetism, Mumbai*; Dr S K Chakravarty, *Associate Professor, Raja Peary Mohan College, Midnapore* visited the Centre and expressed its satisfaction about the ongoing research activities in the centre.
- A meeting was organized by the students of the Centre for Atmospheric Studies on 5 September to celebrate the Silver Jubilee of Space Science Research in Dibrugarh University in which Prof. P K Bhuyan was felicitated and a compendium of his published papers released.

### Achievement

**Dr. Binita Pathak**, DST Young Scientist and alumni of Dibrugarh University, who has recently joined as an Assistant Professor in the Department of Physics, has bagged the prestigious 'Junior Associateship' of the International Centre for Theoretical Physics, Trieste, Italy. She is the first from this university to receive this award.



Dr. Binita Pathak

### Sponsored Projects

A project titled 'Investigation of the structure and dynamics of the equatorial ionization anomaly along 95E through a network of GNSS receivers' with a total grant of Rs 98.64 lakhs was sanctioned by DST, Govt. of India to Prof P K Bhuyan.

### Participation in seminars

- Binita Pathak participated in the WRF-Chem Tutorial workshop, ICIMOD, Kathmandu, Nepal, June 1-5, 2014 and Second Annual Regional Atmospheric Science Workshop, Pokhara, Nepal, June 7-9, 2014.
- Chandrakala Bharali participated in the Second Annual Regional Atmospheric Science Workshop, Pokhara, Nepal, June 7-9, 2014.
- P K Bhuyan attended the 40<sup>th</sup> COSPAR General Assembly held at Moscow from 2-10 August, 2014.



Meeting of the DST Programme Advisory Committee

## Dr. Bhupen Hazarika Centre for Studies in Performing Arts

### Theatre Art

- A play *Satabdir Natak* was performed by the students of M.A. 4<sup>th</sup> Semester in the Rangghar Auditorium under the guidance of eminent theatre director Abnish Sarmah of Assam on 26 March, 2014.
- The Students of M.A. 4<sup>th</sup> Semester presented four full plays in the Rangghar Auditorium as their exam paper (Student Production) on 26-27 May, 2014. The names of the plays were  
*Nag Mandal* by Uzzal Bora and Jadumoni Hazarika, *Aahar* by Goutam Sarmah and Bornali Gogoi, *Aeta Sular Kahini* by Diganta Konwar and Arif Hazarika, *Logga Jot Thomoki Roisil* by Rupantar Borpatra Gohain and Seuj Jyoti Bhuyan.
- A play *Karengor Ligiri* was performed by the M.A. 2<sup>nd</sup> Semester Students as their annual production under the guidance of B.K. Bidyawati Phukan on 13 August, 2014.
- A play *Aeta Pakhi Loga Burha Manuh* was performed by the B.A. Final year students as their annual production under the guidance of Goutam Sarmah.

### Sattriya Dance

- On the 8 and 17 May, 2014 two Ankia Bhaona *Kali Gopal* and *Ramvijay* was performed by the students of M.A. 2<sup>nd</sup> and 4<sup>th</sup> Semester under the direction of Bhabananda Barbayan and Haricharan Bhuyan Barbayan respectively at Rangghar auditorium.
- The students of M.A. 1<sup>st</sup> Semester successfully performed the Ankia Bhaona *Parijat Haran* at the Rangghar Auditorium.

### Vocal Music

- A workshop on *bargeet* under the supervision of Upen Borgayan was conducted in the Centre where the B.A. students took part.

### Other Events

- Dr. Bhupen Hazarika's Birth Anniversary was celebrated on 8 September, 2014 -in the Centre.



A scene of *Parijat Haran Bhaona* at Rangghar



Felicitation to Bhabananda Barbayan by Dr. Karabi Deka Hazarika, receipt of Ustad Bismila Khan Youth Award from Sangeet Natak Academy.

- Sattriya Dance was performed by the students of the Centre at Kolkata under Ruplekha Borbara Das organized by Sadhana Music circle.
- A Cultural programme was held on 25 September for PLANNER 2014 performed by the students of the Centre.



### Participant at the Civil Services Coaching Programme Conducted by DU Cracks IFS

Dr Pankaj Phukan, an MBBS from Assam Medical College, Dibrugarh, and a participant of the Coaching Programme for Preparation of Civil Services Examination, organized by the Centre for Entry into Services, D.U. during October-November 2013 passed this prestigious examination and have been selected for the Indian Foreign Services (IFS).



## Centre for Studies in Biotechnology

### The Fourth DBT-NE Project Review Committee Meeting

The Fourth DBT-NE Project Review Committee meeting for the HRD project *Strengthening of Biotechnology Teaching, Training and Research* was hosted by Centre for Studies in Biotechnology on May 30, 2014 at the New Conference Hall. The meeting was inaugurated by the Vice Chancellor, Prof. Alak K Buragohain and was presided over by Dr. Suman Govil, Advisor, HRD division, Department of Biotechnology, Government of India. The other Expert panel members were Prof. Paramjit Khurana, Dept. of Plant Molecular Biology, University of Delhi South Campus, Prof. D. Chakraborty,

Dean, R&D, IIT Guwahati, Prof. A. Srinivasan, Dean, Faculty Affairs, IIT Guwahati and Prof. R. Swaminathan, Dept of Biotechnology, IIT Guwahati. Principal Investigators/ representatives of the participating institutions from all over North-East India presented the progress of their projects in this review committee meeting. A cultural programme presented by the students of Centre showcasing the unique cultural diversity of this region followed the business deliberations.



Prof. Alak K Buragohain, Vice Chancellor, welcomes the guests

## Centre for Computer Studies

### DU Extension Activities: Short term computer training under the aegis of Associate Village Programme

The newly instituted outreach programme named the Associate Village Programme to reach out the has

successfully completed its first phase. The programme was inaugurated by Vice-Chancellor, Alak K Buragohain, in Pohari Khania Village on 1 February 2014. The activities included short-term computer courses for students, skill-based short term courses for entrepreneurial development and health awareness programmes. The Centre for Computer Studies conducted short-term computer courses for the students of the village. The three-month computer course programme was coordinated by Mr. Chandan Sarma, Assistant Professor, Dept of History and supervised by Ms. Utpala Borgohain, Centre In-charge and Assistant Professor of Centre for Computer Studies. Some faculty members of the centre and a laboratory assistant were also involved in the programme. 19 students participated in the short term course. They learnt the basics of computers, about operating systems like Windows and Linux, about MS Word, MS Powerpoint and MS Excel. They were also taught internet surfing and installing and uninstalling softwares. During the course, three competitions were organized amongst the students using Paint Brush, Ms Word and MS Powerpoint. The winners were awarded.



Students from a nearby village participating in the Short term computer training under Associate Village Programme





## Department of Commerce

### Industry Academia Interface Week

The first ever *Industry Academia Interface (IAI)* week organized by Department of Commerce in collaboration with the Department of Economics and Centre for Management Studies was flagged off on 10 March, 2014 at the Seminar Hall of Centre for Management Studies. The occasion was graced by Prof. Alak K Buragohain, Vice Chancellor, Mr. V.K. Verma, General Manager L&D, Oil India Limited, Duliajan, Mr. R. Kalita, DGM (HR), IOCL (AOD), Digboi, and Mr. P.K. Mati, DGM (HR), BCPL, Dibrugarh. The panel discussion comprised of the top Industry honchos, Mr. V.K. Verma, Mr. R. Kalita, and Mr. P.K. Mati. The session was moderated by Prof. Ajanta B. Rajkonwar, Department of Commerce. The topic of the discussion was *Employability*

addressed the students of Economics on the theme *Modern Banking Practices*. Further, Mr. P.K. Nath, Chief Manager HR, IOCL (AOD) addressed the students of Business Administration on the topic *Knowledge Management Practices of Indian Oil*. On 13 March 2014, *An Evening with Corporate Personnel* was organized at the Conference Hall of New Guest House with Ms. Jahnabi Phukan, Director of Jungle Travels Ltd., Guwahati, being the guest. 24 Research scholars of Department of Commerce and Centre for Management Studies as well as members of the faculty were present. Prof. Alak K Buragohain, Vice Chancellor, joined the programme for a while. Various issues cropped up relating to Tourism in Assam and its problems and prospects. Ms. Phukan has addressed these issues cogently.



A glimpse of the session

*of University Graduates: An Industry Perspective*. Next three days of the IAI Week, from 11-13 March, 2014 witnessed talks by eight industry executives who addressed the students. On 11 March, 2014, Mr. Sidhartha Sarmah, General Manager, J.Thomas & Co., addressed the students of Economics on *Marketing of Tea*. Mr. Sanjay Choudhury, DGM Finance, Oil India Limited addressed the students of Commerce on *Oil and Exploration Accounting*. Mr. Haseem Ahmed, Chief Manager M&I, IOCL (AOD), Digboi, delivered a talk on *Management of Contract Labour* to the students of Business Administration. On 12 March, 2014, Mr. Tridiv Hazarika, Sr. Manager PR, Oil India Limited addressed the students of Economics and Commerce separately on the theme *Corporate Social Responsibility*. Mr. Ashok Das, Chief Manager- Personnel of Oil India Limited delivered his talk on *Performance Management System* to the students of Business Administration. On 13 March, 2014, Mr. Saurav Chaliha, Sr. Area Manager- Marketing of IOC Ltd. addressed the students of Commerce on *Marketing of LPGs*. Mr. Chiranjib Raj, AGM, SBI Regional Branch Office of Dibrugarh

The last day of the *IAI Week* featured another panel discussion with Mr. Tridiv Sarmah, Head HR& Admin, Airtel, Mr. Deben Burgohain, DGM Production, BCPL; Dibrugarh and Ms. Jahnabi Phukan, Director, Jungle Travels Ltd. The session was moderated by Prof. Ashit Saha of Department of Commerce. The topic of discussion was *Employability of University Graduates: An Industry Perspective*. Prof. P. Bezborah, Co-ordinator of the *IAI Week* delivered the welcome address and introduced the panellist to the house. Pertinent points of discussion revolved around identifying whether such an interface is merely a tentative and ritualistic exercise, or a realistic one. The different types of interface models in the minds of the panellist were discussed. Some other key issues were raised, such as, the role of BCPL in the development of downstream industries and its employability potentials, tourism sector and its key indicators for economic development as well as absorption of youths in this industry. From this week-long programme, it was proposed that a Diploma Course in Corporate Social Responsibility be initiated by the University. The Oil India



Limited showed their keen interest for the course and they expressed their readiness to provide all sorts of support. Another major outcome of the week-long programme was the consensus arrived at regarding continuous Industry-Academia interactions in terms of students' visit to the industry to have a practical exposure of their functioning and also industrial personnel visiting the class rooms of the University on frequent basis to share their real life cases

and practical experiences. It was felt that there must be an incorporation of Industrial Personnel in the Board of Studies for curriculum development and to devise some sort of *modus-operandi* for the designing of curriculum according to the needs. To make the students more employable, changes in the nomenclature of the course along with the development of professional culture among the students were proposed.

**Industry Visit to NRL**

As part of the departmental endeavour to establish an Industry-Academia relationship, the students of the Department of Commerce along with faculty coordinators visited Numaligarh Refinery Limited on 9 May, 2014. Fifty-five students of M.Com Second Semester and two faculties visited this organization. The tour was conducted in two

phases. In the first phase, the team was given a tour of the entire refinery by HR and PR executives of the company. In the second phase, a virtual presentation was made by the PR team in the training hall followed by an interaction between the students and their executives about the functioning of the organization.



Students and faculty members of the Department of Commerce at NRL

**Redefining the UG curriculum**

On 30 June, 2014 a meeting of the Board of Studies in Commerce was held to discuss the ongoing course contents of the B.Com programme under semester system introduced in the year 2011. An expert member from Mizoram University Prof. NVR Jyoti Kumar was present in the meeting. The Chairperson initiated the discussion and asked the members and special invitees to discuss thoroughly the contents of each of the courses taught in B.Com programme. In the meeting, it was resolved to modify the contents of each course and to approve the modified syllabus. It was also resolved to recommend the same to the appropriate authority for introduction of the modified syllabus from the academic session 2014 itself.

**Prof. K. V. Bhanumurthy speaks on Commerce as a Discipline**

A talk by Prof. K Bhanumurthy, Head, Department of Commerce, Delhi School of Economics and an eminent scholar in the field of Environmental Economics, Econometrics, Banking & Finance and International Business delivered a lecture to the students of the Department of Commerce on the topic *Commerce as a Discipline* on 9 August, 2014. While explaining the growth of commerce education in India, he emphasized on the development of Commerce as a discipline and urged the students to strive towards ushering in structural changes in the paradigm of commerce education.



### Office of the International Affairs set up

The Office of the International Affairs (OIA), Dibrugarh University, was set up on 13 August, 2014 for coordinating all programmes and activities pertaining to foreign students, international collaboration and so forth with Prof. Subrarta Chakraborty, Department of Statistics, Dibrugarh University as the Director and Sri Arinjit Hazarika, Academic Officer, Dibrugarh University as the Officer. An Advisory Committee to support the OIA activities was constituted on 16 October, 2014. The members comprised of Prof. B. K. Baruah, Department of Assamese, Prof. Pankaj Das, Department of Chemistry, Dr. Subrata B.Gogoi, Department of Petroleum Technology, Dr. Surajit Borkatokey, Department of Mathematics, Dr. B. B. Kakati, Department of Phramaceutical Sciences. Prof. Subrata Chakraborty is the Chairperson, and Mr. Arinjit Hazarika is the Convenor of this committee. The committee has been mandated to coordinate with the prospective international students desiring to undertake study at Dibrugarh University, as well as matter related to possible academic and research collaborations, MOUs, and liaisoning of all kinds.



Prof. Subrarta Chakraborty, Director, Office of the International Affairs

#### • Scholars from abroad join DU for Research

**Mr. Nshimirimana Jean** of Martin Luther King University, Burundi, Africa, joined as a full time Ph.D research scholar in the Department of Economics, Dibrugarh University.

**Ms. Dianakoena Bereng** of Lesotho joined B.B.A. in the Centre for Management Studies, Dibrugarh University

**Mr. Nuredin Mohamedkassm Siraj** of Eritrea joined as Ph.D. scholar in Centre for Studies in Biotechnology, Dibrugarh University

### Department of Economics

#### Prof. K.V. Bhanumurthy of DSE Delivers a Lecture on Financial Issues on Indian Economy

Prof. K.V. Bhanumurthy of the Delhi School of Economics delivered a talk on *Financial Issues on Indian Economy* in the Department of Economics on 8 August, 2014.



Prof. K.V. Bhanumurthy, DSE

### Department of Education

■ An **MHRD-sponsored Awareness Programme on Mental, Physical Health Education and RTE**: Three MHRD sponsored *One-Day Awareness Programme on Mental, Physical Health Education and RTE* was organized by the Department of Education at Abor Gaon Primary School, Dhemaji on 15 June, 2014; at Ushapur High School, Duliajan on 28 June, 2014 and at Balai Janajati High School, Dibrugarh on 4 July, 2014.

■ An **MHRD- sponsored Awareness Programme on Creativity**: The Department of Education organized a MHRD-sponsored *Three-Day Awareness Programme on Creativity for the Secondary Teachers of Dibrugarh District* from 15.09.14 to 17.09.14. Prof. Karabi Deka Hazarika, eminent literateur Assam inaugurated the programme. Internationally reputed scientist Mr. Uddhab Bharali rendered his valuable service as a resource person. Prof. Mukut Hazarika, Prof Daisy Bora Talukdar, Dr. Neeta Kalita

Barua, Dr. Mun Kalita Mr. Ashim Sarmah (Theatre Activist) and Mr. Pranjal Buragohain also rendered their services as resource person of the programme.

■ **MHRD sponsored Workshop on the use of ICT and Language Proficiency**: The Department of Education





organized A MHRD-sponsored *Three-Day Workshop on Use of ICT and Language Proficiency* from 8-11 September, 2014 at the Department of Education for the Secondary teachers.

- An **MHRD sponsored Workshop on Lesson Planning:** The Department of Education organized a MHRD-sponsored *Workshop on Lesson Planning* from 1-3 September, 2014 in the Department of Education. More than 40 participants from different secondary schools of Dibrugarh district participated in the programme.
- An **MHRD Sponsored Workshop on Question Paper Setting:** The Department of Education organized a MHRD-sponsored *Workshop on Question Paper Setting* on 26, 27 and 29 August, 2014 for the secondary teachers of Dibrugarh district.
- An **MHRD sponsored awareness programme on Disability and Inclusive Education:** The Department of Education organized a MHRD sponsored *Three-Day Awareness Programme on Disability and Inclusive*



*Education for the Elementary Teachers* of Tengakhat Educational Block, Dibrugarh from 09.07.14 to 11.07.14 at Tengakhat College. Mr. Manuj Tamuli, Dr. Krishna Prasad Gogoi, Mr. Pranjal Buragohain and Ms. Manisha Das rendered their services as resource person of the programme.

### Centre for Studies in Geography

- A talk was delivered on 13 of September by Dr. T.S. Rana, Associate Professor, Department of Geography, Shivaji College, University of Delhi.
- The Third Semester students as a part of assignment under the guidance of Dr. S. Acharjee conducted a

13 University campus hostels, 41% borders live in University campus and 59% live outside the university campus. From the study conducted, it was also found that the campus provides better security facility than the private hostels. In terms of health and hygiene the



Dr.T.S. Rana, Associate Professor, Department of Geography, Shivaji College, University of Delhi delivering his lecture

micro-level comparative study on the Health, Hygiene and Security of the hostels in the campus and private hostels. For this study primary data was collected from 13 hostels, out of which 5 were campus hostels and 8 private hostels. From the study, it was found that although there are altogether 164 private hostels and

hostels of Dibrugarh University are not up to the mark. The scenario is the same with the private hostels. The private hostels charged more rent, yet did not provide better facilities than the University campus hostels. The study concluded with recommendations to increase the number of hostels in the campus.

## Centre for Studies in Journalism and Mass Communication

### **DU Photofest 2014 organised**

A day-long photo exhibition-cum-competition, *DU PhotoFest* was organized by the Centre for Studies in Journalism and Mass Communication at its premises on the occasion of World Photography Day on August 19. The event was inaugurated by Dibrugarh University Vice Chancellor, Prof Alak K Buragohain who said it was a great initiative on the part of the Centre as it showcased great creativity. This PhotoFest was an attempt on the part of the CSJMC fraternity to bring photography, the real democratic art form into the public space so as to create awareness and promote it among the many aspirants. Prof Buragohain also formally launched the Centre's website for the photofest ([www.duphotofest.org](http://www.duphotofest.org)). More than 200 photographs were exhibited and participants from all around the Northeast region took part in the event. Twelve prizes in three categories, viz., Journalistic, Nature and Wildlife and Daily Life were given away. It must be mentioned that the "DU Photofest" will be an annual event to be observed every year on the occasion of World Photography Day by the Centre.

### **CSJMC Students Urge People to Vote, Inform about NOTA**

As candidates from various political parties had upped the ante for the recently held Lok Sabha elections, students of Dibrugarh University had taken an alternative route to creating poll preparedness. In what could be called a positive step by the second semester Journalism and Mass Communication students of Dibrugarh University, a street play was staged at various points in Dibrugarh town on March 29 in association with the District administration. The aim of the street play was to create greater voter awareness



Vice Chancellor Prof Alak K Buragohain delivering a speech in the inaugural session of the *DU Photofest 2014*. He is flanked by the Director of the Centre Dr K K Borgohain

and to urge the people to vote based on candidates' credentials. The play was illuminating for many of those who were not aware of the introduction of 'None of the above' (NOTA) option by the Election Commission this year. The play was also staged in the Chowkidingee field, before a gathering of nearly 2,000 students of various schools and colleges. Dibrugarh, Deputy Commissioner Ms Aruna Rajoria, who graced the occasion, congratulated the participants and urged them to exercise their right to vote to elect credible leaders in the upcoming Lok Sabha elections.



Students of Centre for Studies in Journalism and Mass Communication staging a street play on voter sensitization in H.S. Road, Dibrugarh



## Department of Life Sciences

- A Talk on **Environment, Biodiversity and Sustainable Utilization** was delivered by Dr. J.R.B. Alfred, Former-Director, Zoological Survey of India on 5 February 2014 to an audience comprising of students and faculties of Department of Life Sciences, Centre for Studies in Biotechnology and Centre for Bioinformatics Studies.



Dr. J.R.B. Alfred, Former-Director, Zoological Survey of India, speaks on the occasion

- A Talk on **Global Climate Change: Causes and Consequences** was delivered by Prof. MV Reddy, Pondicherry University on 12 March 2014 to an audience comprising of students and faculties of Department of Life Sciences and Centre for Atmospheric studies, Dibrugarh University. Dr. Reddy highlighted on avenues for reduction of global warming.



- The Department observed the **World Environment Day** on 5 June, 2014 through a campus plantation programme.

- The students of the Department of Life Sciences were awarded Third Position in **March Past Competition** organized by the University on the occasion of 68<sup>th</sup> Independence Day celebration

- A Talk was organized for the audience of Life Sciences and Chemical Sciences on 4 September, 2014. After a brief welcome address given by Prof. D.S. Bora, Head, Department of Life Sciences, Prof. Kunal Ghosh, FNSA, University of Calcutta was felicitated by Dr. P.Chetia. Prof. Ghosh delivered a talk on *Soil Degradation by Agriculture and Deforestation* His talk was aimed at arousing insightful thoughts in the minds of the young students for doing basic research. The Vote of thanks was offered by Dr. D. Kardong.

- The students of the Department celebrated *Teacher's Day* on 5 September, 2014

## Centre for Management Studies

### Take a Walk, Pick the Litter Campaign

The Centre for Management Studies organized a unique campaign called *Take a Walk, Pick the Litter Campaign* in association with the NSS, DU PG Unit on April 5, 2014. More than 60 volunteers participated in the campaign. The volunteers walked across the campus and picked up litter on the sideways and pavements. The Campaign will be a regular event henceforth.



Take a Walk  
Pick the  
Litter!

### Teacher's Day Celebrated

The 126<sup>th</sup> birth anniversary of Dr. Sarvepalli Radhakrishnan, Bharat Ratna awardee, a renowned teacher, philosopher, statesman and the second President of India was observed as Teacher's Day on September 5, 2014 along with the rest of the country. Lecture and cultural programmes for the teachers were arranged along with games where the teachers participated with enthusiasm.

### Blood Donation Camp

A Blood Donation Camp was organized by the students of the Centre on September 6, 2014 at the University Health Centre. 45 units of blood were collected as part of the camp. The camp was held in collaboration with the Blood Bank, Assam Medical College Blood Bank and the NSS, DU PG Unit.

## Freshers' Welcome

The Centre formally welcomed the students of the 2014 batches of MBA (FT), PGDTM and BBA with an elaborate programme on September 11, 2014. Himadri Barman, Assistant Professor gave a speech on Professionalism to enthuse the new students. A range of programmes was performed by the newcomers to showcase their talents. Ms. Nofissa Islam and Mr. Mrinal Singh of the MBA(FT) 2014 Batch were crowned Miss and Mr. Fresher's respectively.

## Rhapsody 2014

As part of course requirements, the MBA (FT) 2014 Batch students of Centre for Management Studies organized the 2014 edition of *Rhapsody – the enthusiastic mind* on



Mr. A R Sengupta, CM (ERP), Oil India Limited

Saturday, September 13, 2014. The theme was "Enterprise Resource Planning (ERP)–Evolution and Insights". The resource persons were Mr. M A Niphi, CM (ERP - HR), Oil India Limited, Mr. A R Sengupta, CM (ERP), Oil India Limited and Mr. A Bhagawati, DGM (HR), IOCL (AOD). Students from the other departments and centres of studies also participated in the day-long event.

## IT Reach

As part of the outreach programmes carried out by the students of the Centre, students of DU Model School and Barpathar Boys' School were given free training on Computer Fundamentals and MS Office along with course materials. The three months training was given in two batches and completion certificates were given to 28 successful trainees on September 13, 2014. The batch toppers were additionally given books in recognition of their achievements. Started in 2006, the IT Reach programme has so far trained more than 150 students from the various schools nearby which doesn't have computer training programmes for the students.

## Guest Faculty

Dr. Bijoy Kumar Sarmah, Retd. Principal, J B College, Jorhat delivered lectures to BBA 1st and 5th Semester students as visiting faculty on 20 and 21 August 2014. Dr. T S Rana, Associate Professor, Shivaji College, Delhi University interacted with the PGDTM First Semester students on 18 September 2014.

## Department of Petroleum Technology

- Mr Biju Das an M.Tech. 4<sup>th</sup> Semester Student, was felicitated with the *ONGC Scholarship Award* under Industry-Academia Interface for *Excellence in the Academic year 2012-13* (with a Cheque worth Rs. 60,000/- by ONGC) on 26 May, 2014 at a function in the department in the form of a Lecture Series Program on the topics *Environment and Sustainable Development & Role of Geophysics in Hydrocarbon Exploration* by Dr. Arup Mishra, Associate Professor, Chemical Engineering Department, Assam Engineering College & Dr. G.K. Ghosh, Suptg Engineer, NEF Project, OIL, Duliajan respectively.
- Mr. Nitin Lahkar, M. Tech 1<sup>st</sup> Sem and Mr. Rishiraj Goswami, PE, 7<sup>th</sup> Semester student was awarded the *Best Poster Award* for his paper titled, "Robotic logging technology: the future of Oil well logging", in the *Third International Conference on Earth Science and Climate Change* at San Francisco, USA, during 28-30 July 2014.

### DU Student earns accolade at International Conference in the US



Nitin Lahkar receiving the Best Poster Award



## Department of Political Science

### National Workshop on Human Rights and Duties

The Department of Political Science conducted a National Workshop from May 10-12, 2014 on *Human Rights and Duties*. Eminent experts in the field of Human Rights, *Prof. Sitharamam Kakarala*, Senior Fellow and Lead Researcher, CSCS, Bengaluru and Visiting Professor, National Law University, New Delhi, *Mr. Colin Gonsalves*, Senior Advocate, Supreme Court of India, Founder Director of Human Rights Law Network, New Delhi and a PIL activist and *Dr. Ruchira Goswami*, Assistant Professor, The West Bengal National University of Juridical Sciences, Kolkata, were invited as resource persons in the Three-day workshop. Dr. Ananda Bormudoi, Department of English, presided over the inaugural session on May 10, 2014. Dr. Alpana Borgohain, Head of the Department and Chairperson of the Organizing Committee of the workshop delivered the welcome address. She briefly introduced the theme, objective and the scope of the workshop. Thereafter, the Chief Guest, Prof. Sitharamam Kakarala formally inaugurated the Workshop. In his address, he highlighted the issues and challenges to be identified for developing human rights curriculum along with strategies for effective pedagogy in the subject with multiple perspectives and local contexts. The participants of the workshop included members of the academia from Dibrugarh University and from different Universities and Colleges of Assam and the Northeast, members of the Civil Society, members of the judicial fraternity and human rights activists and researchers.



Mr. Colin Gonsalves, Senior Advocate, Supreme Court of India, Founder Director of Human Rights Law Network, New Delhi, at the HR workshop

### Lecture by Shri H.N Das

Shri H.N Das, IAS (Retd), Former Chief Secretary to the Govt of Assam delivered two lectures in the Department of Political Science on the topic *Sub-Federal Political Re-organization of Assam* on 28 August, 2014. The lecture was well attended and well received by the students, research Scholars and faculty of the Department of Political Science, Dibrugarh University.



Dr. Ruchira Goswami, faculty member, The West Bengal National University of Juridical Sciences, Kolkata; Dr Alpana Borgohain, Head, Department of Political Science, DU and Prof. Sitharamam Kakarala, Senior Fellow and Lead Researcher, CSCS, Bengaluru and Visiting Professor, National Law University, New Delhi at the workshop



Shri HN Das, IAS (Retd), Former Chief Secretary to the Govt of Assam interacting with students



## Centre For Studies In Rural Development

### Training Programme on Art and Handmade Crafts

The present and passed out students of the Centre for Studies in Rural Development (CSRSD), Department of Economics, have formed an NGO named *Institute of Research and Development (IRD)* to popularize the concept of organic farming and conservation of medicinal plants in the rural areas of Assam. Besides this, the NGO will focus on mitigating the risks faced by the people of the flood-prone areas through various ways like agricultural diversification,

women empowerment etc. by providing training in arts and craft, marketing of rural eco-friendly products through development of networks among the districts of Assam. In order to realize these objectives, training programmes on arts and handmade crafts are being organized by the CSRSD for six months with the help of trained experts in order to develop the skills and talents of the students.



Participants at the training programme on art and handmade crafts

## Centre for Social Work Studies

### Rural Camp Organised In Lakhimpur

The students of the second semester of the Centre for Social Work Studies participated in a rural camp that was conducted at Lokhonabori village which falls under the Karunabori Development Block of Lakhimpur District. The rural camp commenced on 24 April 2014 and ended on 30 April, 2014. The camp was organised under the supervision of three faculty members of Centre for Social Work Studies. The objective of conducting such camps was to give the students a firsthand practical knowledge and experience on the various aspects related to rural life. The Centre feels that as a future social worker, it is mandatory on the part of students to understand the rural ways of life and thereby inculcate the basic lessons of Social Work in a more practical and authentic manner. The camp was structured around various activities such as conducting surveys on various thematic areas, viz., health, livelihood, hygiene and sanitation, education, performing street plays, *Sramdan* (an initiative to bring about awareness among people on issues concerning sanitation and awareness), Camp fire (an informal discussion among the students and villagers on various topics related to rural life), Conducting Participatory Learning and Appraisal (PLA), and undertaking plantation drives.



Participatory learning



Sapling plantation



Hygiene and Sanitation awareness drive at the Rural Camp

### Memorandum of Understanding with *Solidaridad*

Dibrugarh University in collaboration with Centre for Social Work Studies signed a MOU with *Solidaridad*, an NGO based in Netherland, on 9 April, 2014. As per the terms of understanding, the students of the outgoing batch of CSWS, were instructed to carry out research on the various Tea Estates in Assam and West Bengal on the topic *Survey of Tea Garden Workers Welfare in Assam and West Bengal* from April 17-25, 2014. After the survey, the Centre provided the organisation with all necessary requisites. It is worth mentioning that *Solidaridad* is functioning at par with the Corporate Social Responsibilities as entitled to them by TATA.



Students of the Centre conducting field research in a tea garden

### Celebration of Teacher's Day

On 5 September, 2014 Centre for Social Work Studies celebrated the birthday of Dr. Sarvapalli Radhakrisnan in a function where a retired M.E. venture school teacher, Shri Deben Sarmah, was felicitated. His contribution towards the noble profession of teaching can be considered as exemplary and motivational. The Centre, which has been continuously trying to acknowledge such contributions, had the opportunity to felicitate him by offering small financial aid, books and a note of appreciation upon the services he rendered to pedagogy. The Centre has been observing teacher's day since its inception in the year 2010, but from the year 2013, the Centre is celebrating teachers day with a broader objective to recognize and felicitate some of the teachers whose selfless contribution towards the profession of teaching often lay hidden and unrecognized in the society.



Prof. Joyanta Borbora, Director i/c, CSWS, felicitating Mr. Deben Sarmah, Retired teacher of Lekai M.E. School

## Dr. Bhupen Hazarika's Birthday

On 8 September, 2014, Centre for Social Work Studies celebrated the 88<sup>th</sup> birthday of Dr. Bhupen Hazarika in the presence of the teachers and students of the Centre. The celebration was made through offering homage to one of the greatest sons of Assam, who through his creation has made a distinctive mark in the hearts of millions across the globe. The celebration was followed by some of the selected Bhupendra geet sung by the students of the Centre. The entire program was arranged with a broader aim to reminisce Dr. Bhupen Hazarika's work, which is still a source of immense inspiration and motivation for every human soul.

### Placement of Students

- Seventeen students from the batch of 2013, got placed in Assam State Rural Livelihood Mission Society (ASRLMS) on August, 2014.

## Department of Statistics

A National Seminar on **Recent Developments in Statistics and its Applications in Allied Disciplines** sponsored by the UGC, was organized by the Department of Statistics on 21-22 March, 2014. Dr. D.C. Nath, Professor, Department of Statistics, Gauhati University, Guwahati, Dr. M. Borah, Professor, Department of Mathematical Science, Tezpur University, Dr. R.C. Yadava, Professor (Retd.), Department of Statistics, B.H.U., Varanasi, Dr. G.L. Sriwastav, Professor (Retd.), Department of Statistics, Dibrugarh University, Dr. S. Kakoty, Professor (Retd.), Department of Statistics,



Students paying homage to Late Dr. Bhupen Hazarika

- Two students from the current outgoing batch (2014) of CSWS got placed in HR executive post and Bharatiya Cha Parishad respectively.

Dibrugarh University and Dr. C.K. Chetia, Professor (Retd.), Department of Statistics, Dibrugarh University were the resource persons. Prof. J. Hazarika, Department of Statistics was the coordinator of the Seminar.

### Achievements

The department got upgraded to SAP DRS-II for which the UGC sanctioned 91.50 lakhs along with two project fellows for the period 2014-19.

## Highlights of the Sports Board

### Inter College Cross Country (Men/Women)

Date of Competition: 29 August 2014

Venue: Dibrugarh University Campus

No. of Participating College: 09

#### Results:

Men: 1<sup>st</sup> Sri Champak Rabha, JDSG College

2<sup>nd</sup> Sri Arjun Munda, Khowang College

3<sup>rd</sup> Sri Binud Rajwar, Naharkatia College

Women: 1<sup>st</sup> Ms. Karabi Bhakta, Khowang College

2<sup>nd</sup> Miss Devajani Borgohain, Moridhal College

3<sup>rd</sup> Miss Moni Munda, Khowang College

### Inter College Table Tennis (Men/Women):

Date of Competition: 10-11 September 2014.

Venue: H. P.B. Girls' College

No. of Participating Colleges: 9

#### Results:

Team event (Men): Champion: J.B. College

Runners- Up: Golaghat Commerce College

Women: Champion: P.G Classes, D.U.

Runners- Up: Golaghat Commerce College

#### Open:

Men: Champion: Sri Bhaskar Jyoti Sarma, Golaghat Com. College

Runners Up: MR. Diganta Mahato, J.B. College

Women: Champion: Miss Ankita Barpatra Gohain

Runners Up: Miss Mridusmita Boruah, P.G. Classes

### Inter College Football (Men)

Date of Competition: Zonal 4-10 Sept. 2014

Inter Zonal: 12-16 September 2014

No of Participating College: 36

Venue: Zonal: D.U. Campus, Margherita College, D.R. College, Sonari College, Dhemaji College, Bahona College.

#### Inter Zonal: D.U. Campus.

Result: Winner: N.L.B. City College, Dibrugarh

Runners Up: Nazira College

Best Player: Tridev Garki, NLB City College



# ACHIEVEMENTS

## Dr. Chimun Kr. Nath Delivers Invited Talks at BCPL

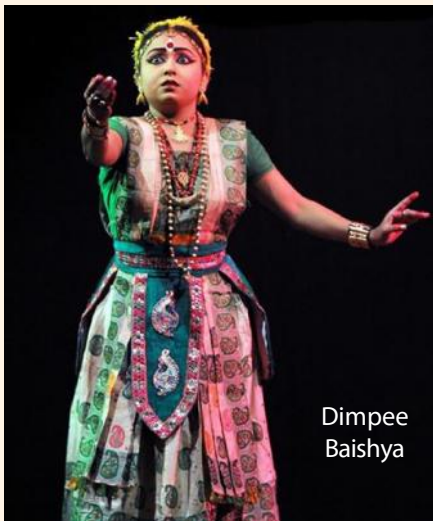
Dr. Chimun Kr. Nath, Assistant Professor, Department of Commerce and a Life Member of Assam Productivity Council delivered a series of talks on the topic "Lean Manufacturing: A Roadmap to Productivity", "Team Building", "Industrial Discipline and Productivity" and "Positive Attitude" to the employees of BCPL, Lepetkata, Dibrugarh, organized as a part of Productivity Development Initiative by Assam Productivity Council on 4-5 August, 2014 on the theme *Building Personal Effectiveness*.



Dr. Chimun Kumar Nath addressing the participants of the BCPL

## Satriya Dance Performance

**Dimpee Baishya**, a student of the third semester in the Dr. Bhupen Hazarika Center for Performing Arts, performed in various prestigious dance festivals in different places of



Dimpee Baishya

Assam. Dimpee performed Satriya dance at *Nritakalpa-2014*, organised on 26 April, 2014 by Saptaswa at Tezpur Ban Theatre. She performed Satriya dance at *Nrittya-Prava-2014* organised by the Directorate of Cultural Affairs, Government of Assam on 26 August, 2014 at Rabindra Bhawan, Guwahati. Dimpee performed *Krishna-Leela* with her group on the occasion of Lord Krishna's birthday celebration organised by *Hare Krishna Movement* on 15 August, 2014 at Sunaram Field, Guwahati. She performed Satriya dance at *An Evening of Satriya Dance* organised by Nabarang Kala Kendra on 9 August, 2014 at District Library, Guwahati. She organised the Indian Classical Dance and Music Festival *Nrittya-Utsav 2014* through her cultural society Prayas Kala Kendra on 2 September, 2014 at District Library, Guwahati to propagate Indian Classical Dance and Music. Dimpee taught Satriya Dance in the Ten-day Workshop on *Satriya Dance and Abhinaya* from 5 July-15 July, 2014, organised by Manikanchan Kala Kendra at Dergaon. She also taught Satriya dance in the Five-day Workshop on *Satriya Dance* from 17 July - 21 July, 2014 organised by Nritt्यानjali Dance Akademi at Nalbari Junior College.

## Two NSS Volunteers Nominated

Two NSS volunteers of Dibrugarh University Post Graduate Unit, namely Mr. Sujit Gogoi, Department of Commerce and Miss Rupa Singh, Centre for Juridical Studies, have participated in the **NSS Summer Adventure Camp** held at Hatkoti, Himachal Pradesh from 19 to 28 September 2014.

## Dr. Surajit Borkotokey Invited to Beijing Institute of Technology as Visiting Professor

■ Dr. Surajit Borkotokey, Department of Mathematics, visited the Department of Economics and Management Sciences of the Beijing Institute of Technology (BIT) as a Visiting Professor for 21 days from 26th June-16 July, 2014. He was invited by Prof. Qiang Zhang of the Department, an internationally-renowned Game Theorist under the International Talent Programme for Conventional Wisdom. During his stay, he interacted with research scholars of the host department and presented his own research work before them. He also delivered the keynote address in a two-day seminar organized by the department. His stay in BIT mostly highlighted mutual research interests and collaboration prospects. He presented two papers titled "Multilinear extension of Fuzzy Bi-cooperative Games", and "Bi-cooperative Network Games" at the two-day



Dr. Surajit Borkotokey delivering his invited lectures at the Beijing Institute of Technology

International Seminar on Game Theory, Beijing Institute of Technology on 4-5 July 2014.

- Dr. Surajit Borkotokey, participated and presented a paper titled "An Axiomatic Characterization of a Fixed and Flexible Network Allocation Rule" at the International Game Theory Workshop and its Applications (IWGTS 2014) at Sao Paulo, Brazil during 24-30 July 2014 organized by the International Game Theory Society. He attended four mini courses offered by renowned Game Theorists and Nobel Laureates in Economics Alvin Roth, Eric Maskin, John Nash and Robert Aumann.

Overseas Associateship Fellowship to work at the University of South Florida, U.S.A w.e.f. 5 September, 2014 to 5 December 2014 for a period of Three months. He shall be working with Prof. Yashwant Pathak, Dean, Faculty Affairs, Pharmacy in the field of Anticancer Drug Research using different Delivery Systems. He has left for USA to join the programme on 1<sup>st</sup> of Sept, 2014.

**Dr. Bibhuti Bhusan Kakoti Awarded DBT Overseas Associateship Fellowship**



Dr. Bibhuti Bhusan Kakoti, Assistant Professor, Department of Pharmaceutical Sciences, has been awarded the DBT

**Sri Utpal Das awarded Ph. D.**



Sri Utpal Das, Deputy Librarian of Dibrugarh University has been awarded Ph. D. Degree by Gauhati University in 2014 for his thesis entitled *A Critical Study of Preservation Techniques for Sanchi Manuscript of Assam*. It is worth mentioning that Dr. Das attended an invited lecture on "An Experimental Investigation on Natural Degradation of Sanchi Manuscript of Assam" at the Centre for the Study of Manuscript Culture, University of Hamburg, Germany on 17 May 2013.



## Achievements of Faculty and Students from Centre for Studies in Geography

- Miss Rini Tamuli was selected and recruited for the post of Instructor for Teachers by Azim Premji Foundation, Bangalore.
- Diganta Kalita, the founder member of the organisation *Histogram Workz* organized and participated in the photography exhibition *Portals* on 4-5 April, 2014 at Assam Sahitya Sabha, Dibrugarh, Assam which showcased the talent of budding photographers across the State.
- Bitupan Bordoloi and Himangshu Bailung presented a research paper titled *Media and Witch hunting/killing with special reference to Assam* in the U.G.C. sponsored National seminar on Mass Media and Society held at Dikhowmukh College, Sivasagar, Assam, on 13-14 May 2014, organized by the Department of English and Sociology of Dikhowmukh College in Collaboration with Dikhowmukh Press Club.
- Jimlee Mahanta, Junti Satola and Indrani Das presented a research paper titled *Impact of Internet Usage among Youth: A Case Study in Dibrugarh University Campus* in the U.G.C. sponsored National seminar on Mass Media and Society held at Dikhowmukh College, Sivasagar, Assam on 13-14 May, 2014.
- Monalisa Borthakur, a first semester student, had an article titled *Aronnaya Maanobor Shoitey Edin* published in the Daily Newspaper *Janambhumi* on 1 June, 2014.
- On the eve of *World Earth Day* – 4 June, 2014, a photograph of Mr. Diganta Kalita and Mr. Amar Jyoti Gogoi captioned *Plant More Trees* was selected and included as a part of NASA Global Selfie mosaic picture.
- On the eve of *World Environment Day* - 4 June, 2014, the faculty and the students of the Centre did poster presentations with recycled paper in the whole



Students of the centre participating in the photography exhibition - *Portals*

University campus to spread the message for a clean and green environment.

- Diganta Kalita's article *Ride to Nampong, Arunachal Pradesh* was published in *Bike India*, India's No.1 two wheeler's magazine under the heading *Your Rides* in Volume 09, Issue 12, July 2014 edition.
- Himangshu Bailung with Dr. S. Acharjee and Dr. A. Sarma presented a research paper titled *A Community and GIS Based Approach to save The Great One-Horned Rhino in Kaziranga National Park, Assam, India*. It was adjudged as one of the best papers in the *International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: issues and Policy Implications* held on 21-23 August 2014, organized by Department of Economics and Department of History, C.K.B College, Teok, Jorhat, Assam.
- Himangshu Bailung was invited to deliver a speech as a *Youth Champion from Assam* at the *Convention on Youth for Child Rights* organized by Assam State

Commission for Protection for Child Rights in Partnership with UNICEF on 12-13 September, 2014 at Hotel Lili, Khanapara, Guwahati. Faculties and students of 60 colleges and universities from 27 districts of Assam participated.

- The *Eco-restoration squad* members under the aegis of *The Society for Eco-Restoration* which was formed by



Students of the centre pledging to do their bit to conserve the environment on World Environment Day

the Centre on 4 October 2013 with a motto to restore the deteriorating environment by protecting, restoring and promoting awareness about the environment has completed another project, that is cleaning the University campus on 13 September 2014.



Diganta Kalita, student, on his adventurous ride to Nampong, Arunachal Pradesh

- A paper titled *Sasoni Merbeel of Dibrugarh District, Assam, India: An Eco-Tourism Hot-Spot* by Himangshu Bailung, Jayanta Baruah and Munmi Borah was published in the book *Sustainable Tourism in North-East India*. ISBN no. - 978-938203074-4

### Achievements

- Dr. Shukla Acharjee was selected as a Remote Sensing Expert for the working group titled "Sustainable Water Supply in an Urban Change", Panta Rhei – Everything Flows, Change in Hydrology and Society, IAHS Scientific Decade 2013 – 2022, [www.iahs.info/pantarhei](http://www.iahs.info/pantarhei).



Dr. Sukla Acharjee

- Dr. Shukla Acharjee has been Invited to The NASA Land Use and Land Cover Change (LCLUC) program, the 2014 Live Webinar Series on LCLUC Urban Inter-Disciplinary Studies (IDS), by Catherine Nakalembe, NASA LCLUC Program Assistant, Department of Geographical Sciences, University of Maryland, 2181 LeFrak Hall, College Park, MD 20742. The first webinar is to be held on Tuesday October 7, 2014.
- Dr. Arnab Sarma, Dr. Shukla Acharjee and Himangshu Bailung's research paper titled *A Community and GIS Based Approach to save The Great One-Horned Rhino in Kaziranga National Park, Assam, India* was adjudged as one of the best papers in the *International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: issues and Policy Implications* held on 21-23 August, 2014 organized by Department of Economics and Department of History, C.K.B College, Teok, Jorhat, Assam.
- Dr. Shukla Acharjee, Nitashree Mili and Arundhati Phukan presented a research paper titled *Forest Cover Change Detection of a part of Tawang District, Arunachal Pradesh, India using Geoinformatics* in the *International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: issues and Policy Implications* held on 21-23 August, 2014, organized by Department of Economics and Department of History, C.K.B College, Teok, Jorhat, Assam.
- Priti Gogoi presented a research paper titled *A Study on the Growth Pattern of Population and its Effects on the Urban Environment of Jorhat City* in the *International*



*Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: Issues and Policy Implications* held on 21-23 August 2014, organized by Department of Economics and Department of History, C.K.B College, Teok, Jorhat, Assam.

- Rituraj Neog presented a research paper titled *Trend of Agrochemical Utilization and its Impact on Environment:*

*A Study on the District of Jorhat, Assam in the International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: issues and Policy Implications* held on 21-23 August 2014, organized by Department of Economics and Department of History, C.K.B College, Teok, Jorhat, Assam.

## Department of Physics

### Achievements

- Dr. Bulumoni Kalita has received the UGC-BSR Research Start-Up-Grant for newly recruited faculty at Assistant Professors level in Science Departments of various universities, July, 2014.
- Dr. U. D. Goswami is selected as a Life member of *Indian Association for General Relativity and Gravitation (IAGRG)* by the IAGRG council on September 18, 2014.

## Department of Chemistry

### Academic Activities

- Prof. J. G. Handique worked as a mentor in the DST sponsored *Inspire Internship Programme (Science Camp)*, organised by Sibsagar Girls' College, Sivasagar on 8-12 April, 2014 and delivered two talks on *Organic Chemistry at Your Service: For career and for the service of mankind* and *My Journey with Organic Chemistry: A Dendritic Quest for Phenolic Antioxidants of Synthetic and Natural Origin*.
- Prof. J. G. Handique participated in an International Training Program on Leadership and Career Development for Women Scientists and Technologists, organized by Department of Science and Technology (DST), Government of India in collaboration with Indo-US Science and Technology Forum (IUSSTF) and COACH-University of Oregon, USA at Indian National Science Academy (INSA), New Delhi, on 1-5 Sept, 2014.
- Dr. Rahul Kar, faculty member, visited RIKEN AICS, Kobe, Japan for a month during July 2014 as a Visiting Researcher

### Awards

- Dr. D. Sarma received the INSA Summer Research Fellow (SRF) Award, 2013.
- Dr. D. Sarma received the Best Poster Award in *Advancements in Materials, Health & Safety towards Sustainable Energy and Environment-* an international



Prof. J. G. Handique (2<sup>nd</sup> from L) with (from L) Prof. Geraldine L. Richmond, Professor of Chemistry, University of Oregon, President-Elect (2014), President (2015), Chair of the Board of Directors (2016) American Association for the Advancement of Science (AAAS), Prof. Laura H. Greene, Professor of Physics, University of Illinois at Urbana-Champaign and Prof. Pushpalata Murthy, Professor of Chemistry, Michigan Technological University, Houghton, Michigan and Program Director, National Science Foundation, Arlington, Virginia attended the training programme in New Delhi

seminar organized by Indian JSPS Alumni organization in Chennai 7-8 August, 2014.





- Ms. Tahshina Begum, a Ph.D. student of the Department has received the Best Poster Award in the National Seminar on *Recent Advances in Chemical Research* (RACR-14), held at Rajiv Gandhi University, Doimukh, Itanagar on 20-21 March, 2014 for a poster titled *Green synthesis of silver nanoparticles using leaf extract of Phlogocanthus thrysiformis and evaluation of their antibacterial and catalytic activity*, authored by Tahshina Begum, Pradip K. Gogoi and Utpal Bora.



Dr. D. Sarma Receiving the Best Poster Award in an International Conference organized by Indian JSPS Alumni Association (IJAA) and sponsored by Japan Society for the Promotion of Science (JSPS), Japan on 7-8 August, 2014 in Chennai

## Student Excels

- Mr Sujit Gogoi student of the third semester, Department of Commerce, participated in a *National Level NSS Adventure Camp at Himachal Pradesh* from 19 to 28 September, 2014.

## Sociology

Dr. Jyoti Prasad Saikia, Associate Professor, Department of Sociology, was invited to XVIII ISA World Congress of Sociology which is held once in 4 years, in Yokohama, Japan in July 2014. Dr. Saikia presented a Research Paper on, "Spousal Violence among Rural Women: A Sociological Study in North- East India". His in-depth inquiry into the sensitive issue of Spousal Violence in his research paper has been highly praised by scholars across the world.

## Prof. Subrata Chakrabarty

- Visited the Institute of Mathematical Sciences, University of Malaya, Kuala Lumpur, Malaysia, from 14 July - 8 August, 2014 for collaborative research and seminar talks.
- Resource person:
  - Delivered a series of talks as a Resource Person in a one week DST, Govt. of India sponsored Training Programme in "Probability Theory and its Applications" in the Department of Statistics, A. V. College, Guwahati, Assam, during 20-26 January 2014.
  - Chaired a Technical Session and presented papers in the National Seminar on "Recent Developments in Statistics and its Application in Allied Disciplines" at Department of Statistics, Dibrugarh University, on 22nd March, 2014.
  - Presented an Invited talk in the National Conference on Recent Trends in Mathematics and its Applications (RTMA-2014), 26-27 May 2014 at Rajiv Gandhi University, Arunachal Pradesh, India.
  - Presented an Invited talk in the Research Group Seminar Series at Institute of Mathematical Sciences, University of Malaya, Kuala Lumpur, Malaysia, on 6th August, 2014.

## Petroleum Technology

### Presentation in International Workshops and Seminars

- Gogoi SB, Solid waste and Effluent treatment in Oil Industry – A case study, 25-27 June'14, Workshop on Environment and Sustainable Development in Industry, Golden Era, Mogwase, South Africa.



- Gogoi SB, Carbon Sequestration for Enhanced Oil Recovery in depleted oil reservoirs of Upper Assam Basin 22-23, Aug'14, UGC Sponsored International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty: Issues and Policy Implications by the Department of Economics & Department of History, C.K.B. College, Teok, Jorhat, Assam.
- Phukan R, Enhanced Oil Recovery using Carbon-di-oxide injection, 22-23, Aug'14, UGC Sponsored International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty : Issues and Policy Implications by the Department of Economics & Department of History, C.K.B. College, Teok, Jorhat, Assam.
- Neog DJ, Use of Polymer as water shut off system in crude oil recovery to reduce Environmental Pollution, 22-23, Aug'14, UGC Sponsored International Seminar on Environmental Degradation, Sustainable Development and Entrenchment of Poverty : Issues and Policy Implications by the Department of Economics & Department of History, C.K.B. College, Teok, Jorhat, Assam

**Prof. Minoti Das and Dr. Nayan Medhi**

- Paper titled 'A study on the interaction between the injection water and reservoir minerals and their effects on reservoir characteristics in Tipam reservoir sand of Geleki oilfield of Upper Assam Basin' by Nayan Medhi and Minati Das was presented by the first author in the International Symposium on 'Role of Earth System Sciences and Human Prosperity', Hyderabad, October 23-25, 2013.
- Paper titled 'A study on the effects of Crude Oil/Brine /Rock interaction on oil recovery during Low Saline Waterflooding in a part of Geleki Oil Field of Upper Assam Basin' by Minati Das and Nayan Medhi was presented by the first author in the International Symposium on 'Role of Earth System Sciences and Human Prosperity', Hyderabad, held in October 23-25, 2013.
- Prof. Minoti Das visited IIT Chennai and have discussion with the faculty members of Ocean Engineering on 11<sup>th</sup> July, 2014.
- Prof. Minoti Das attended an Expert Committee Meeting (R & D) for project evaluation of Oil India Limited as one of the expert member of the said committee at OIL, Duliajan.



SPE Student Chapter – Dibrugarh University

**Activities of the Society Of Petroleum Engineers (SPE) - Dibrugarh University Student Chapter**

**SPE-Dibrugarh University Student Chapter inaugurated**

The SPE-Dibrugarh University Student Chapter was inaugurated on 22nd April'2013 in the New Conference Hall, Dibrugarh University, by Mr. P.K. Borthakur, Director-Offshore ONGC, and Section Chairperson, SPE-Mumbai Section. Prof Minati Das Chairperson SPE- Dibrugarh University Student Chapter delivered a welcome speech. Mr. Saloma Yomdo, Dy. Chief Engineer Oil India Limited, Duliajan & Secretary SPE-Duliajan Section; Mr. S.K. Jena, GM, G&R, OIL Duliajan along with many high level dignitaries and guests blessed the occasion with their graceful presence. It should be noted that this is the only Institute within the country selected by the Society of Petroleum Engineers, USA to have its chapter along with nine other institutes around the world.

**Lecture Program on Reservoir Management of Brown Field and Reservoir Simulation Concepts by SPE**

A Distinguished Lecture Program was organized by the Society of Petroleum Engineers (SPE) Dibrugarh University Student Chapter on the 20 February 2014 at Department of Petroleum Engineering, DUIET, Dibrugarh University. Mr. Rakesh Kumar Vij, General Manager, Reservoir (Sub-Surface) and Asset Manager, Ahmedabad Asset presented two lectures, on *Reservoir Management of Brown Field and Reservoir Simulation Concepts*. The lecture on *Reservoir Management* stressed on the points regarding the largest onshore field i.e. the Kalol Field- the stratigraphy and lithology, the structural pattern, the pays distribution, reservoir description. While in the other lecture i.e. *Reservoir Simulation*, the general manager

stressed on mathematical modeling, simulation, the Eclipse model, the static reservoir description, *Pvt* and rock data, initialization data, and the purposes of the Runspec section, Grid section were also discussed. The lecture concluded with Mr. Rakesh Kumar Vij's enlightening words in the field of petroleum Engineering and the event was a huge success and hugely beneficial to the students of Department of Petroleum Engineering, DUIET and Department of Petroleum Technology.

### Workshop on Exploration and Production Techniques by SPE

"Exploration and Production Techniques" at Ranghar Auditorium, Dibrugarh University, was also organized by SPE Dibrugarh University Student Chapter on 23rd April'2013. Eminent persons from OIL, ONGC took part in the event among which Mr. A.K. Mishra, GM Drilling Division ONGC; Mr. Saloma Yomdo- Dy. Chief Engineer OIL & Secretary SPE-Duliajan Section; Mr. Ghana Gogoi, Head Drilling OIL; Mr. Deep Gupta Logging Engineer, Schlumberger Asia Ltd; Mr. Arijit Sarma, Sr. Engineer, C&WO, Oil India Limited were invitees of guest lecture for the workshop. The workshop comprised of a series of lectures by-

- Mr. A.K Mishra, GM Drilling Division, ONGC, gave detailed information about the *Offshore Drilling and Production Techniques* by a presentation and also explained about the challenges in the deep water.
- Mr. Saloma Yomdo, Deputy Chief Engineer, Oil India Limited, explained about *Reservoir Managements* and it's steps and techniques used by Oil India Limited.
- Mr. Ghana Gogoi gave a brief lecture about the *Directional Drilling Techniques and Practices* in Oil India Limited.



Inaugural function of SPE, Dibrugarh Chapter



Mr. Rakesh Kumar Vij, GM, Reservoir (Sub-Surface) & Asset Manager, Ahmedabad Asset, ONGC with Distinguished Lecture Program (DLP) attendees.

- Mr. Deep Gupta on the topic *Logging Techniques*. He explained in details about the logging tools and principle behind the log measurements.
- Mr. Arijit Sarma explained about the *Hydro Fracturing Techniques*.

### Free Annual Health Check-up for Employees

Dibrugarh University has embarked upon a noble initiative of providing Free Annual Health Check-up Programme for all its employees. The tests include pathological determination of Blood Sugar level/range, Lipid profile, Urea, Uric Acid, Creatinine count, haemoglobin range, etc., as well as conducting ECG tests for determining cardiovascular functioning. The first round of this Annual Wellness Determination program concluded in the month of October 2014.

### MoU between DU and Kasetsart University

An MoU between DU and Kasetsart University of Bangkok, Thailand was formally executed during the month of August 2014 to promote Joint research activities, seminars and academic meetings; exchange of academic materials and information; Short term academic programmes; Faculty and student exchange programmes; Joint development of new degree and training programmes among others. A delegation comprising of two Professors from the Department of Thai, Kasetsart University visited DU during 15 October, 2014, and interacted with students and faculties of the Department of Assamese. A meeting was convened between the delegates and the Vice-Chancellor, DU in presence of the Director OIA, DU and some members of the OIA advisory committee to discuss ways and means to take forward the MoU.



## PUBLICATIONS

### Research Papers of the Faculty

- **A.K. Baruah**, 'Traffic Control Problems using Graph Connectivity', International Journal of Computer Applications, (ISSN 0975-8887), Vol. 86, No. 11, 2014, pp. 1-3
- **A.K. Baruah**, Adil Akhtar, 'On Clique Matrix in the Formation of a Government', International Journal of Scientific Research, (ISSN 2277-8179), Vol. 3, Issue 1, 2014, pp. 40-41.
- **A.K. Baruah**, Songita Boruah, *Bounds of Eigenvalues of Two-Parameter Problems*, International Journal of Science and Research (ISSN 2249-6955), Vol. 4, Issue 2, pp. 103 – 108, April 2014
- **A.K. Baruah**, Surashmi Bhattacharyya, 'On Rayleigh-Ritz Method in Three-Parameter Eigenvalue Problems', International Journal of Computer Applications Research, (ISSN 0975-8887), Vol. 86, Issue 3, 2014, pp. 38-42.
- **A.K. Baruah**, Surashmi Bhattacharyya, *Computation of Eigenvalues of a Three-Parameter Sturm-Liouville Problem using Moment Method*, International Journal of Mathematics and Computer Applications Research (ISSN 2249-6955), Vol. 4, Issue 2, pp. 103 – 108, April 2014
- Bhaskarjyoti Gogoi, Priyajit Chatterjee, Sandip Mukherjee, **Alak K Buragohain**, Samir Bhattacharya, Suman Dasgupta, (2014) A polyphenol rescues lipid induced insulin resistance in skeletal muscle cells and adipocytes, *Biochemical and Biophysical Research Communication*, 452(3), 382–388. (IF- 2.474)
- T. Borgohain, B. Gogoi, **A.K. Buragohain**, S. Dasgupta (2014) Protective and curative effect of *Scoparia dulcis* leave extract against free fatty acid induced insulin resistance in rat L6 myotubes. *Am J Phytomed Clin Ther* 2(7), 842- 854. (IF- 0.69)
- S. Barua, P Chattopadhyay, L Aidew, **A K Buragohain**, N Karak, Infection resistant implantable hyperbranched epoxy/ clay-silver nanocomposite, *Polymer International*, ( Published online, DOI: 10.1002/pi.4790) (IF- 2.247)
- K. Bhattacharya, B. Gogoi, **A. K. Buragohain**, P Deb, (2014) Fe<sub>2</sub>O<sub>3</sub>/C nanocomposites having distinctive antioxidant activity and hemolysis prevention activity, *Material Science and Engineering C*, 42, 595-600. (IF- 3.076)
- Mukul Kalita, Prasanta Gogoi, Pranjit Barman, Bipul Sarma, **Alak K. Buragohain**, Ranjan D. Kalita, (2014) A new series of Ni(II), Cu(II), Co(II) and Pd(II) complexes with an ONS donor Schiff base: Synthesis, crystal structure, catalytic properties and bioactivities, *Polyhedron* 74, 93- 98. (IF- 2.068)
- J. Upadhyaya, A. Kumar, B. Gogoi, **A.K. Buragohain** (2014) Biocompatibility and antioxidant activity of polypyrrole nanotubes, *Synthetic Metals*, 189, 119–125. (IF- 2.256)
- A. B. Rajkonwar, **Kajal Saikia**, 'SHGs in promoting entrepreneurial activities in Golaghat District of Assam' Published in the International Journal of Social Sciences & Interdisciplinary Research, Volume 3, No 9 September 2014, ISSN 2277-3630
- A. Dewan, **U. Bora** and G. Borah, "A simple and efficient tetradentate Schiff base derived palladium complex for Suzuki-Miyaura reaction in water", in *Tetrahedron Letters*, 55, 1689-1692, 2014. (IF= 2.391)
- A. Dewan, Z. Buragohain, M. Mondal, G. Sarmah, G. Borah and **U. Bora**, "Acetanilide palladacycle: An efficient catalyst for room temperature Suzuki-Miyaura cross-coupling reaction", in *Applied Organometallic Chemistry*, 28, 230-233, 2014. (IF= 2.017)
- A. Gogoi, G. Sarmah, A. Dewan and **U. Bora**, "Unique copper-salen complex: an efficient catalyst for N-arylations of anilines and imidazoles at room temperature", in *Tetrahedron Letters*, 55, 31-35, 2014. (IF= 2.391)
- A. Gogoi, S. J. Chutia, **P. K. Gogoi**, **U. Bora**, "A highly efficient heterogeneous montmorillonite K-10-supported palladium catalyst for Suzuki-Miyaura cross-coupling reaction in aqueous medium", in *Applied Organometallic Chemistry*, 2014. (IF= 2.017).
- A. Phukan, R. Borgohain, P. Chutia, E. Saikia, **D. Kardong**, **B. Chetia**, Phytochemical and Antimicrobial Activity of Some Medicinal Plants of North East India; *Asian Journal of Chemistry*; 2014, 26(15), 4752-4754.
- **Alok Ranjan Dutta**, Status of the implementation of MGNREGA in Assam: All is not Well!, *Journal of Rural Development*, Vol.33, No 2. April-June 2014; PP. 173-182



- **Amarjyoti Mahanta**, "Determinants of Rural Fertility: Evidence from Dibrugarh District of Assam", *The International Journal of Humanities and Social Studies*, Vol.2, Issue, 8, (August), 2014.
- B Pathak, **P. K. Bhuyan**, Absorbing and scattering properties of boundary layer aerosols over Dibrugarh, North East India. *International Journal of Remote Sensing*, Doi:10.1080/01431161.2014.926424, 2014 (**IF: 1.359**).
- B. Bakalial, **SP. Biswas**, D. Baruah. Report on IUCN Red listed *Pillaia indica* Yazdani, 1972 from Lakhimpur District of Assam, North East India with a note on its habitat ecology. *Arch.Appl.Sci.Res.*,6(1):223-228(2014)
- **B. Chetia**, P. K. Iyer, Selective fluoride anion sensing by simple benzimidazolyl based ligand, *Sensors and Actuators B: Chemical*; 2014, 201, 191–195.
- B. Pathak, A. Borgohain, **P K Bhuyan**, S S Kundu, S Sudhakar, M MGogoi, T. Takemura, Spatial heterogeneity in near surface aerosol characteristics across the Brahmaputra Valley, *Journal of Earth System Science*, 123, No. 4, pp. 651-663, 2014 (**IF: 0.695**).
- B. Bakalial, **S.P. Biswas**, S. Borah, D. Baruah. Check list of fishes of Lower Subansiri river drainage, North East India. *Ann. Biol. Res.* 5(23):55-67 (2014)
- **B.R. Sharma**, Kabita Nath, Debozani Borgohain, *Influence of Chemical Reaction, Heat Source, Soret and Dufour Effects pm Separation of a Fluid Mixture in MHD Natural Convection Flow in Porous Media*, *International Journal of Computer Applications* (0975-08887), Vol. 90, No. 2, pp. 12-19, 2014.
- **B.R. Sharma**, Ram Niroj Singh, Rupam Kr. Gogoi, *The Effects of Inclination of Channel on Separation of an Incompressible Thermally and Electrically Conducting Viscous Binary Fluid Mixture in Presence of Strong Magnetic Field*, *American Journal of Applied Mathematics*, Vol. 2, No. 1, pp. 1-7, 2014
- **Bolin Chetia**, Alakesh Phukan, Chemical Composition and Antioxidant Activities of the Essential oil of *Olax acuminata*, *Journal of Essential Oil Bearing Plants*, 2014, 17(4), 696-701.
- Boruah, M. P.; **Handique, J. G.**; "Antioxidant behavior of some North East Indian ethno-medicinal vegetables and their RP-HPLC analysis" *Intl. Jour. Adv. Pharm. Biol. Chem.* 2014, 3(2), 426-433
- Boruah, M. P.; **Handique, J. G.**; Antioxidant and antibacterial properties of some traditional medicinal plants of North East India *Intl. Jour. Adv. Pharm. Biol. Chem.* 2014, 3(3), 543-549
- Boruah, P. R.; Koiri, M. J.; Bora, U.; **Sarma, D.** "A new recyclable/reusable ionic liquid/LiCl system for Suzuki-Miyaura cross coupling reactions." *Tetrahedron Lett.* 2014, 55, 2423.
- C. K. Sharma, **J. Hazarika**, Bootstrap Estimate of Time to Pregnancy (TTP) among Nepali Women's of Assam, *International Journal of Environment, Ecology, Family and Urban Studies (IJEEFUS)*, Vol. 4(3), June 2014, 1-6, ISSN 2250-0065, **I.F.3.0965**; ICV:3.0
- **D.S. Bora**, B. Deka, The terpenoids released by *Persea bombycina* due to feeding by *Antheraea assama* Westwood. *National Academy Science Letters*. DOI:1007/s40009-013-0215-2(2014)
- Debajit Borah, **Amrita Kashyap Chaliha**, Dhruvajyoti Gogoi, **RNS Yadav** GM tea: the need of the hour to reclaim India's leading position in the global tea market; *Journal of Commercial Biotechnology*. 20(3): 9-11. (**IF: 0.48**) (2014)
- Debajit Borah, **RNS Yadav**, Optimization of BH medium for Efficient Biodegradation of diesel, crude oil, and used engine oil by a newly isolated *Bacillus cereus* strain DRDU1 from an automobile engine; *Research Journal of Microbiology*. 13(5): 181-185. (2014) DOI 10.3923/biotech2014.181.185
- **Debasish Dey**, *Gravity Modulation effects of Hydromagnetic. Elastico-viscous fluid flow past a Porous Plate in Slip flow Regime*, *ISRN Applied Mathematics*, (Hindawi Research Publications), Vol. 2014, Article ID-492906, 2014 (<http://dx.doi.org/10.1155/2014/492906>)
- **Debasish Dey**, Rita Choudhury, Madhumita Mahanta, *Visco-elastic fluid flow with heat and mass transfer in a vertical channel through porous medium*, *Journal of Global Research in Mathematical Archives*, Vol. 2, No.1, pp. 22-23, 2014
- **Debasish Dey**, Rita Choudhury, Paban Dhar, *Visco-Elastic MHD Flow through a porous medium bounded by Horizontal parallel plates moving in opposite direction in presence of Heat and Mass Transfer*, *International Journal of Computer Applications*, Vol. 97, No. 16, pp. 6-12, 2014



- Dhruvajyoti Gogoi, Prafulla Dutta, **RNS Yadav**, 3D QSAR modeling of 4-nerolidylcatechol derivatives and virtual screening for identification of potent plasmodium inhibitor; *Bangladesh Journal of Pharmacology*; 2014; 9: 317-321 DOI: 10.3329/bjp.v9i3.18897
- G. Sarmah, S. K. Bharadwaj, A. Dewan, A. Gogoi, **U. Bora**, "An efficient and reusable vanadium based catalytic system for room temperature oxidation of alcohols to aldehydes and ketones", in *Tetrahedron Letters*, 55, 5029-5032, 2014. (IF= 2.391)
- **G.C. Hazarika**, Aparajita Sarmah, *Effects of Magnetic field on flow near a axisymudric stagnation point on a moving cylinder*, IJMSET, Vol.1, Issue – 5, pp. 46-51, 2014
- **G.C. Hazarika**, Bandita Phukan, *Variable Viscosity and Thermal Conductivity on MHD Flow in a continuous Moving Flat Plate*, IJMSET, Vol. 1, Issue – 4, pp. 1-12, 2014
- **G.C. Hazarika**, Barnali Sharma, *Blood Flow with Effects of Slip in Arterial Stenosis Due to Presence of Applied Magnetic Field*, Int. J. Modern Sc. & Eng. Tech. (IJMSET), Vol.1, Issue. 4, pp. 45-54, 2014
- **G.C. Hazarika**, Barnali Sharma, *Effect of Applied Magnetic Field on Pulsatile Flow of Blood in a Porous Channel*, Int. J. Sc. & Innov. Math. Res. (IJSIMR), Vol.2, Issue. 7, pp. 675-683, 2014
- **G.C. Hazarika**, Gunadeep Chetia and Bhaskar Sarma, *Normalization and Automatic Recognition of Assamese Vowels*, Int. J. Comp. App., Vol. 75, No. 11, pp. 17 – 21, 2014
- **G.C. Hazarika**, *Hall Current in a Rotating Channel on MHD flow with Radiation and Viscous Dissipation*, Int. J. Sc. and Innov. Math. Res.(IJSIMR), Vol.2, Issue – 6, pp. 611-619, 2014
- **G.C. Hazarika**, Parash Moni Thakur, *Effects of Variable Viscosity and Thermal Conductivity on Heat and Mass Transfer flow of Micropolar Fluid along a vertical plate in presence of Magnetic Field*, IJMSET, Vol. 1, Issue – 3, pp. 57-72, 2014
- **G.C. Hazarika**, Parash Moni Thakur, *Effects of Variable Viscosity and Thermal Conductivity on Flow and Heat Transfer over a stretchy surface with variable Heat Flux in Micropolar Fluid in presence of Magnetic Field*, IJSIMR, Vol. 2, Issue – 6, pp. 554-556, 2014
- **G.C. Hazarika**, Sadiq Hussain, *Educational Data Mining Model using Rattle*, IJACA, Vol. 5, Issue – 6, pp. 22-27, 2014
- **G.C. Hazarika**, *Finite Difference Solution for Hall Current in a Rotating Channel on MHD Flow with Radiation*, IJMSET, Vol. 1, Issue – 3, pp. 102-114, 2014
- **Gogoi SB**, Tamuli AS., 2014, Recent Advances in Treating Oil Field Produced Water: A Review, *J. of Petroleum Engineering & Technology*, (ISSN: 2231- 1785), V 4, No.2, (2014), pp. 1-6.
- **Gogoi SB.**, 2014. Effluent as Surfactant for Enhanced Oil Recovery, *Innovative Energy Policies*, (E-ISSN: 2090-5009 & E-ISSN:2090-499) V 3, No.1, pp. 46-54. [High Index= 32]
- Hamada, Y.; Suzuki, K.; Nakanishi, T.; **Sarma, D.**; Ohta, H.; Yamaguchi, R.; Yamasaki, M.; Hidaka, K.; Ishiura, S.; Kiso, Y. "Structure-activity relationship study of BACE1 inhibitors possessing a chelidonic or 2,6-pyridinecarboxylic scaffold at the P<sub>2</sub>-position" *Bioorg. Med. Chem. Lett.* 2014, 24, 618.
- Hirok Jyoti Deka, **Surabhi Johari, Subrata Sinha** (2014), Molecular Interaction Studies of the Ligands found in Selaginella moellendroffii with EGFR - a CADD Approach in Search of Drugs for Non Small Cell Lung Cancer, Interdisciplinary Approach to Biological Sciences Research and Sustainable Development, Department of Botany, Bahona College, p. 299-314, ISBN 978-93-83230-03-7
- I. Saikia, **J. Hazarika**, Reliability and Validity of Denver-II as a Screening Tool in the Context of Children upto 3 Years in Assam, India, *Assam Statistical Review*, Vol. 26(2), March, 2012, 71-85, ISSN 0976-4291, published in April, 2014
- **J. Hazarika**, I. Saikia, A Glimpse into Poisson Regression Model and its Further Developments, *International Journal of Agricultural and Statistical Sciences*, Vol.10(1), 83-91, 2014, ISSN-0973-1903.
- **Jayanta Kr. Bora**, "Bezboroa aru Bhaona", *Upayan, Sibsagar Girls' College Golden Jubilee Souvenir*, Purbanchal Prakash, 2013-14. ed. By Rita Borkotoky, ISBN : 978-81-7213-228-6
- K. Gogoi, A. Dewan, A. Gogoi, G. Borah and **U. Bora**, "Boric Acid as Highly Efficient Catalyst for the Synthesis of Phenols from Arylboronic Acids", in *Heteroatom Chemistry*, 25, 127-130, 2014. (I.F= 1.257)
- **Kaushal Sood, RNS Yadav** Effect of solvent on the extraction of antioxidant and antimicrobial components from *Eryngium foetidum* L.; *International Journal of Medicine and Pharmaceutical Sciences*. 4(5): 31-40; (2014)



- **Kaushal Sood, RNS Yadav**, Phytochemical Screening and antimicrobial activity of four members of family Apiaceae; *International Journal of Phytomedicine*; 6(2) (2014)
- Khaled, I. A. Almaghri, **Subrata Chakraborty**, A Comparative Investigation of Agglomerative Hierarchical Clustering Methods - a Case Study with a Breast Cancer Data. *Assam Statistical Review*, 27, 55-83, 2013. ISSN NO: 0976-4291.
- M. Mondal and **U. Bora**, "Ligandless heterogeneous palladium: an efficient and recyclable catalyst for Suzuki type cross-coupling reaction", in *Applied Organometallic Chemistry*, 28, 354-358, 2014. (IF= 2.017)
- M. Mondal and **U. Bora**, "O-Aryloxime ether analogues as novel and efficient ligands for palladium-catalyzed Suzuki-Miyaura coupling in water", in *Tetrahedron Letters*, 55, 3038-3040, 2014 (IF= 2.391)
- M. Mondal and **U. Bora**, "Recent advances in manganese(III) acetate mediated organic synthesis" (Review), in *RSC Advances*, 3, 18716-18754, 2013. (IF=3.708)
- Maitrayee Sharma, **A. Saha**, Mutual Fund Flows and Market Capitalisation-A Correlational Study. Published in the European Academic Research, Vol-II, Issue-5; August, 2014 From Rumania, Europe. ISSN-2286-4822 (IF-3.1. DRJI VALUE: 5.9(BT))
- **Mantu Baro**, "A Comparative Effect of Soccer Training in Small Playfield and Regular Official Size Playfield in the Selected physical fitness Parameters", *International Journal of Physical Education, fitness and Sports*, Vol. 3 No. 2, June:2014 ISSN 2277-5447
- **Mantu Baro**, "Comparative Study of Emotional Intelligence and Creativity of Tribal and Non-Tribal Soccer Players", *Vyayam Vidnyan*, Vol. 47 No.: 2, May: 2014 ISSN 0975-8895
- **Mantu Baro**, Ainu Sonowal, "Effect of Selected Plyometric Exercises on Explosive Strength, Speed and Agility" *International Journal of Science and Research*, Vol. 3 Issue 8, August 2014 ISSN: 2319-7064
- **Mantu Baro**, Manuj Konwar, "A Comparative Study of Leadership Qualities between Post Graduate Physical Education and General Education Students", *International Journal of Science and Research*, Vol. 3 Issue 9, September 2014 ISSN: 2319-7064
- **Mantu Baro, Montu Buragohain**, "A comparative Study of personality Traits between Physical Education and General Education Teachers of Assam" *Research Journal of Physical Education Sciences*, Vol. 2, Issue: 8, August 2014, ISSN: 2320-9011
- **Mantu Baro**, Pikumoni Saikia, "Comparative Study of Physical Fitness between Physical Education Students and Dancers of Performing Arts", *International Journal of Scientific Research*, Vol.:3 Issue: 9, September 2014, ISSN: 2277-8179
- **Mantu Baro**, Pranjan Dehingia, "Comparative Study of Selected Anthropometric Measurements and Physical Fitness between Hills and Plain Area People" *Journal of international Academic Research for Multidisciplinary*, Vol.: 2, Issue:8, September 2014 ISSN: 2320-5083
- **Minati Das, Nayan Medhi**, 'A study on the effects of Crude Oil/Brine /Rock interaction on oil recovery during Low Saline Waterflooding in a part of Geleki Oil Field of Upper Assam Basin', *Journal of Applied Geochemistry*, Vol.16, No.3. ISSN: 0972-1967 (2014), pp. 267-276.
- **Minati Das**, Preetirekha Borgohain and Bhushan Kalyan Pathok, "Performance Prediction of a Reservoir Using Modelling Software" *Journal of Earth Science*, Vol-1, No.-1. ISSN: 2347-8942 (2013), pp. 64-71.
- Mukamchem Yim, B.P. Sarma, **Subrata Sinha, Surabhi Johari**, Hemchandra Deka, Hirakjyoti Deka, Pratap Parida, Dr. Jogesh Sarma, Arabinda Ghosh(2014), Exploring the possible mechanism of Albizzia lebeck components binding with drug targets of Bronchial Asthma –An insilico and Clinical Analysis; *International Journal of Pharmaceutical Sciences and Research (IJPSR)*, ISSN : 2320-5148 (IF (2012): 2.44, ICV 2012: 5.50).
- **Nayan Medhi, Minati Das**, "Formation of Gas Hydrates In High Pressure Gas lines – A Case Study" *Journal of Earth Science*, Vol-1, No.-1. ISSN: 2347-8942 (2013), pp. 59-63.
- **Nayan Medhi, Minati Das**, 'A study on the interaction between the injection water and reservoir minerals and their effects on reservoir characteristics in Tipam reservoir sand of Geleki oilfield of Upper Assam Basin', *Journal of Applied Geochemistry*, Vol.16, No.3. ISSN: 0972-1967 (2014), pp. 321-329.



- **N. Mili, and Shukla Acharjee** (Feb 2014) The Importance of Geomorphology in Understanding Natural Hazards with Special Reference to Hazards of The Dhansiri River Basin in The Golaghat District of Assam, India, *Global Perspectives on Geography (GPG) Volume 2*, pp. 1-6, ISSN: 2328-2320 (Print) 2328-2339 (Online).
- **N. Mili, and Shukla Acharjee** (March 2014) Conservation and Management of Wetlands in Pandihing Bird Sanctuary of Sibsagar District, Assam, *Frontiers in Environmental Engineering (FIEE) Volume 3 Issue 1*, pp. 1-6, ISSN: 2326-5779 (Print) 2326-5787 (Online).
- T. Bibikova, **Shukla Acharjee**, I. Vishnevskaya, (June, 2014) "Water Security in an Urban Change" published in proceeding volume in *Water Resources, Ecology, and Hydrological Safety, 8th International Scientific Conference of the Young Scientists and Talented Students; June 25-27, 2014; Water Problems Institute Russian Academy of Sciences Moscow, Russian Federation; Proceeding of the conference. Moscow, IWP RAS, 2014, P. 22-25.*
- T. Bibikova., **Shukla Acharjee**, I. Vishnevskaya, J. Pouraghniaei J., A. Niazi, X. Yan (Aug 2014) "Water Supply in an Urban Change" published in proceeding volume in the session on *Panta Rhei Symposium on Modeling hydrological processes and changes*", The 3rd Remote Sensing and Hydrology Symposium(RSHY14) & 3rd International Conference of GIS and Remote Sensing in Hydrology, Water Resources and Environment(ICGRHWE14) held in Guangzhou, China, August 24-27, 2014.
- Neog DJ and **Gogoi SB**, Borgohain P, Use of Oil Field Water Shut off Techniques in Crude Oil Recovery from A Depleted Oil Field of Upper Assam Basin, 2014, *Indian J. of Applied Research*, (ISSN-2249-X), V 4, No. 8, pp. 653-656. **[IF = 2.1652]**
- Nils M. Bezares-Roder, H. Nandan and **U. D. Goswami**, Primeval acceleration and bounce conditions within Induced Gravity, *Gravitation and Cosmology* 20(1), 55 (2014); arXiv:1101.4490 [gr-qc].
- **P K. Bhuyan**, R. Hazarika, GPS TEC near the crest of the EIA at 95p E during the ascending half of solar cycle 24 and comparison with IRI simulations, *Advances in Space Research* <http://dx.doi.org/10.1016/j.asr.2013.06.029>, 2014 **(IF:1.238)**.
- P Dutta, **A K Rai** and P Dutta (2014) Histology and ultrastructural studies of muga silk worm *Antheraea assamensis* Helfer treated with hormones. *Journal of Frontline Research in Arts and Science*.
- P Dutta, P Dutta, **A K Rai**, K Neog, R. N. S Yadav and K Sood (2014) Effect of hormones (JH-III and 20E) on biochemical and ultrastructural aspects of muga silk worm *Antheraea assamensis* (Lepidoptera: Saturniidae). *International Journal of Recent Biotechnology* 2(1):11-23.
- **P K Bhuyan**, S Bora, Solar cycle effect on temporal and spatial variation of topside ion density measured by SROSS C2 and ROCSAT 1 over the Indian longitude sector, *Advances in Space Research*, <http://dx.doi.org/10.1016/j.asr.2013.07.017>, 2014 **(IF:1.238)**.
- **P.K. Bhuyan**, C. Bharali, B. Pathak, G. Kalita, The role of precursor gases and meteorology on temporal evolution of O<sub>3</sub> at a tropical location in North East India, *Environmental Science and Pollution Research*, doi:10.1007/s11356-014-2587-3, pp-1-18, 2014 **(IF: 2.85)**.
- **P. Bezborah**, Porag Sarmah, Present Trends in Studies on Occupational Stress – A Brief Overview, *Indian Journal of Research in Management, Business and Social Sciences (IJRMBSS) – ISSN 2319-6998, Vol. 2, Issue 1, 2014.*
- **P. Bezborah**, Nidhi Garodia, Strategic Corporate Social Responsibility: Is it a function of Emotional Intelligence? *Society for Education and Research Development, India, 2014*
- **P. Bezborah**, Rashida Tahira Noorain, Quality Practices in the Tea Industry: A Study of Bought Leaf Tea Factories and Estate Owned Tea Factories in Selected Districts of Assam, Vanijya - Dibrugarh University Refereed *Journal of Business Studies*, Vol. 24, 2014.
- P. J. Hazarika, **Subrata Chakraborty**, Alpha-Skew-Logistic Distribution. *IOSR Journal of Mathematics (IOSR-JM)*, 10, 4 (VI) (Jul-Aug. 2014), 36-46. e-ISSN: 2278-5728, p-ISSN: 2319-765X.
- **P. K. Gogoi**, T. Begum, B. Borthakur, G. Das, **U. Bora** and A. Kumar, "Green Synthesis of Silver Nanoparticles Using Leaf Extract of *Phlogacanthus thyriformis* and Evaluation of their Antibacterial and Catalytic Activity", in *National Academy Science Letters*, 2014. (Accepted for publication) **(IF= 0.24)**.





- **P.N. Deka**, A. Borgohain, *Electrostatic instability in magnetically confined in homogeneous plasma driven by nonlinear force*, Physics Letter A (Elsevier), Vol. 378, 2014, pp. 790-794
- **P.N. Deka**, Muhim Chutia, *Numerical Study on Steady Magnetohydrodynamics (MHD) Flow and Heat Transfer in a Heated Rectangular Electrically Insulated Duct under the Action of Strong Oblique Transverse Magnetic Field*, International Journal of Computer Application, Vol. 86, No. 15, 2014
- **P.P. Buragohain**, "Human Development in Assam: A District Level Analysis", *Research Journal of MDKG*, Vol. 3(2), October, 2014.
- **P.P. Buragohain**, "Socio-Economic Background, Nature of Land Distribution and Standard of Living among the Rural Farmers of Upper Assam", *Journal of Research, Extension and Development*, Vol. 3 No. 1, September 2014.
- **Pranjit Bora**, *Akhmatova's Poetry of the Later Period: A Search into Contemporary History*, Education Rays, Volume-I, Issue-II, April. May, 2014, ISSN -2348-0467
- R. Devi, A. Phukan, E. Saikia, **B. Chetia**, Biosynthesis of Ag Nanoparticles Using Aqueous *Impatiens glandulifera* Leaf Extract and Study of Its Catalytic and Antibacterial Activity, *J. Bionanosci.* 2014, 8, 28-33.
- Rupanjali Bhattacharjya Sharma, Mridujuna Gogoi, Banasri Baishya, **Surabhi Johari**, 3D QSAR and Docking Studies of a Series of Hamamelitannin Derivatives As Potential PBP4 Inhibitors, *International Journal of Pharmacy and Pharmaceutical Sciences*, Elsevier 6: 6, 2014 pp. 558-562 (IF 1.59)
- S. K. Bharadwaj, P. K. Boruah, **P. K. Gogoi**, "Phosphoric acid modified montmorillonite clay: A new heterogeneous catalyst for nitration of arenes", in *Catalysis Communications*, 57, 124-128, 2014. (IF= 3.32)
- Smriti Priya Medhi, **Subrata Sinha**, Yumnam Jayanta Singh, Joh Ham(2014), A Competence Based Load Balancing Algorithm for HPC Enabled Bioinformatics Application", Proceedings of International Conference on Communication and Computing, Elsevier Science and Technology Publications, pp 372-378, June 12-14 2014, ISBN 978-93-5107-244-7
- **Subrata Chakraborty**, P.J. Hazarika, M. Masoom Ali, A Multimodal Skew- Normal Distribution: Its Properties and Applications. (Published on line in April 2014, for STATISTICS – A Journal of Theoretical and Applied Statistics (Tier-I, SCI Journal).
- **Subrata Chakraborty**, P. J. Hazarika, M. Masoom Ali, A Multimodal Skew- Laplace Distribution. Pakistan Journal of Statistics (SCI expanded Journal). 30(2): 253-264, April, 2014. ISSN NO: 1012-9367.
- **Subrata Chakraborty**, S. Kotoky, A new Bivariate Poisson Distribution and its Properties. *Assam Statistical Review*, 27, 151-178, 2013. ISSN NO: 0976- 4291.
- **Surajit Borkotokey**, Rajnish Kumar, Sudipta Sarangi, Bi-cooperative Games : Applications in Management and a Simple Solution, Book Chapter, Applications of Game Theory, Ed. R. K. Mishra, Shaheen, J. Raveendran, S. Deman, 51-65, Academic Foundation Pub, 2014.
- **Suaj t Borkotokey**, Pankaj Hazarika, Radko Mesiar, A Multilinear Extension of a Class of Fuzzy Bi-cooperative Games Journal of Intelligent and Fuzzy Systems, 2014, IOS. DOI: 10.3233/IFS-141349
- **Surajit Borkotokey**, Pankaj Hazarika, Radko Mesiar, Fuzzy Bi-cooperative Games in Multilinear Extension Form, Fuzzy Sets and Systems, 2014, Elsevier. DOI: 10.1016/j.fss.2014.08.003
- **Surajit Borkotokey**, Radko Mesiar, The Shapley value of Cooperative Games under Fuzzy Settings : A Survey, International Journal of General Systems, 43 (1) 75-95, Taylor and Francis, 2013.
- **Surajit Borkotokey**, Rupok Neog, Dynamic Resource Allocation in Fuzzy Coalitions : A Game Theoretic Model, Fuzzy Optimization and Decision Making, 13, 2, 211-230, Springer, 2014.
- **U. D. Goswami**, H. Nandan and M. Sami, Study on caustic formation in Dirac-Born-Infeld type scalar field systems, Journal of Physics: Conference Series 484, 12059 (2014).
- **U. D. Goswami**, K. Deka, f(R) gravity cosmology in scalar degree of freedom, Journal of Physics: Conference Series 481, 012009 (2014).



## BOOKS PUBLISHED

### Faculty :

1. **Jyoti Prasad Saikia**, *Gender: Themes and Issues* (Third Edition), Aknshya Publication, New Delhi. 2014
2. **Jyoti Prasad Saikia**, *Adhunik Samajtattwic Bislekhan*, Bidya Bhaban, Jorhat. 2013.
3. **Jyoti Prasad Saikia**, *Samaj:Samasya aru Samadhan*, Bidya Bhaban, Jorhat. 2013.
4. **Jyoti Prasad Saikia**, *Ganasanjog: Pratyay aru Pratyasha*, Bidya Bhaban, Jorhat. 2013.
5. **Jyoti Prasad Saikia**, H. Buragohain, ed. *Gender Trouble: A Study in North-East India*, 2013.
6. **Jyoti Prasad Saikia**, S. V. Borbora, *Flash from North-East India*, 2013.
7. **Nirajana Mahanta Bezborah**, তুমিয়ে মোক বিদ্রোহী কৰিলা (*Tumiye Mok Bidrohi Korila*), Banalata, Dibrugarh  
ISBN : 978-93-82750-07-9
8. **Subrata Borgohain**, *Petroleum Technology – Enhanced Oil Recovery Techniques*, Oxford & IBH, New Delhi, 2014,  
ISBN 978-81-204-1778-6.

### Publication Devison, Dibrugarh University

#### Assamese

1. **Bezbaroa-Bishayak Rachanpanji, 2013**  
[A bibliography of writings on Lakshminath Bezbaroa and writings of Lakshminath Bezbaroa]  
Ed. by Prof. Nagen Saikia
2. **Jyotiprasad Agarwala, 2014**  
[Barenya Lekhak Series - a monography on the life and works of Jyotipradas Agarawala]  
By Paramanada Majumdar
3. **Anundoram Borooh, 2014**  
[Barenya lekhak Series - a monography on the life and works of Anundoram Boroohah]  
By Malini Goswami
4. **Galileo Galilei, 2014**  
[Barenya Bighani Series - a monograph on the life and works of Galileo Galilei]  
By Dinesh Chandra Goswami
5. **Louis Pasteur, 2014**  
[Barenya Bighani Series - a monograph on the life and works of Louis Pasteur]  
By Kshiradhar Baruah
6. **Satyendranath Bose, 2014**  
[Barenya Bighani Series - a monograph on the life and works of Satyendranath Bose]  
By Paramanoda Mahanta
7. **Max Planck, 2014**  
[Barenya Bighani Series - a monograph on the life and works of Max Panck]  
By Pabitra Borgohain
8. **Marie Curie, 2014**  
[Barenya Bighani Series - a monograph on the life and works of Marie Curie]  
By Jayanti Chutia
9. **Nikola Tesla, 2014**  
[Barenya Bighani Series - a monograph on the life and works of Nikola Tesla]  
By Binoi Mohan Saikia
10. **Bhasha-Bitarka : Bexbaroa Aru Bangar Pandit-Samaj, 2014**  
[An analysis of the language-debate between Lakshminath Bezbaroa and the Bengali Intellectuals alongwith a collection of rare articles, news items and photographs]  
By Mandira Das

#### English

1. **Bezbaroa : The Man and His Works, 2014**  
[A collection of articles on the life and works of Lakshminath Bezbaroa with English translation of selected writings of Bezbaroa]  
Ed. by Ananda Bormudoi



# THE STUDENT PLACEMENT SCENE

Dibrugarh University achieved 30% annual on-campus placements of 140 students at its recruitment drive which saw participation of 23 domestic, national and multinational recruiters. Some of the top recruiters across different sectors were



OIL, ONGC, NEDFI, Vodafone, Airtel, Cairn Energy, Coca Cola, Topcem, Unisys, ICICI Bank, S & P Capitals, Azim Premji Foundation, Nile Stream Infotech, Pradan, Syntax Oil, Akash Exploration, Bajaj Allianz, Oil Field Warehouse and Servicing, Budding Buds and Sports Education Development India Ltd. The highlight of the placement season was the participation of esteemed firms like OIL, ONGC and Cairn Energy. Oil India Ltd. offered the highest package of 9.5 lacs per annum to its selected candidates followed by ONGC, Cairn Energy and Vodafone.

The placement season for the 2015 passing out students began on a modest pace just before Diwali 2014 with ICICI Bank selecting 11 students from Centre for Management Studies with a package of 4.2 lac per annum and IBM selecting 2 candidates from mechanical engineering, DUIET with a package of 3.5 lacs per annum. The Training & Placement Cell is confident of more companies coming in later. It is worth praising here the initiatives by the Vice Chancellor Prof. Alak K Buragohain for introducing a series of innovative measures aimed at overall improvement of the placement scenario of Dibrugarh University.

## Workshop on ICT enabled Moodle Software

A Three Day Workshop on Curriculum Design, Preparation of ICT Enabled Course Plan and Teaching Plan for Student Centric Learning was organized by the Academic Research Cell of the University from September 11 to 13, 2014. It was an endeavour to identify the potential aspects for designing teaching plan, course plan and assessment tools with the use of ICT particularly with the moodle software. Prof. Khanindra Pathak, from IIT, Kharagpur, was the key resource person of the Workshop supported by two other resource persons, namely Mr. Subrata Nayak (Programme Manager, IIT, Kharagpur) and Mr. Uttam Sharma (Programme Assistant, IIT, Kharagpur). The deliberations during the Workshop also touched some other relevant areas of twenty-first century pedagogy like use of A-VIEW classroom, a rich interactive social environment for E-Learning, assessment of learners and Setting of Question Paper and Concept Test through ICT and so on.



Prof. Khanindra Pathak, Department of Mining Engineering, IIT, Kharagpur addressing the gathering



## APPOINTMENTS

- **Mr. Dhurbajit Choudhury** was appointed as Assistant Professor, Department of Mathematics on 15.09.2014
- **Dr. (Mrs.) Binita Pathak** was appointed as Assistant Professor, Department of Physics on 26.09.2014
- **Ms. Kuheli Das** was appointed as Assistant Professor, Department of Sociology on 30.09.2014
- **Ms. Ratamali Machahary** was appointed as Assistant Professor, Department of Applied Geology on 19.06.2014
- **Mr. Prabwal Jyoti Hazarika** was appointed as Assistant Professor, Department of Physics on 03.11.2014
- **Dr. Kalyan Bhuyan** was appointed as Associate Professor, Department of Physics on 25.09.2014
- **Mr. Pankaj Chetia** was appointed as Assistant Professor, Department of Life Sciences on 16.06.2014
- **Dr. Pankaj Das** was appointed as Professor, Department of Chemistry on 09.07.2014
- **Dr. Deb Kumar Chakraborty** was appointed as Professor, Department of Economics on 12.06.2014

## OBITUARY

**Dr. Manobendra Nath Phukan**, former Professor, Department of Anthropology passed away on 20.06.2014

**Dr. Thaneswar Lahon**, former Professor, Department of Political Science, departed to the heavenly abode on 27.07.2014

**Sri Suren Nayak**, an employee of Dibrugarh University breathed his last on 29.08.2014

### Principals' Meet at Gargaon College

A meeting was organised by the Principal, Gargaon College in Collaboration with Director, College Development Council, D.U, attended by Prof. A. K. Buragohain, Vice-Chancellor, Dr. R. Saikia, Director, CDC and Dr. D. P. Rajkhowa, Dy. Controller of Examination 'A'. About sixty Principals of the affiliated Colleges under Dibrugarh University from Tinsukia, Dibrugarh, Sibsagar, Jorhat, Golaghat Districts turned up. In the interface with the principals of the colleges, the Vice-Chancellor after explaining the importance of Micro Management in the governance of the colleges under the affiliating system, specially highlighted its importance and its implementation with regard to the semester system. The Principals participated during the day-long interaction on various issues - Revision of Syllabus, Evaluation and Pedagogy and drew some relevant points to the notice by the Vice-Chancellor for streamlining the system. The Principal of Gargaon College, Dr. Punyadhar Gogoi, played a dynamic role with his professional zeal in facilitating the scope for holding the same in a meaningful way. This was the second event of this kind and the first one was held on 9 May, 2014 at North Lakhimpur College (autonomous) which was attended by 35 number of college principals from Dhemaji and Lakhimpur districts. The efforts of the University were highly appreciated by the principals for opening vistas for such micro level approaches towards the identification of the core issues relevant for effective implementation of the semester system. The opening and concluding remarks in the session were made by the Dr. R. Saikia, Director, CDC. The Principal of Gargaon College, the learned participants from other affiliated colleges, the teaching and non-teaching staff of the Gargaon College and Dr. D. P. Rajkhowa were also thanked by the Director, CDC for the cooperation extended to him in holding the interface.



Dr Rupam Saikia, Director, CDC, DU deliberates on the meet with the Vice Chancellor listening in rapt attention



# PHOTO GALLERY



Health Camp in Puhari Khonia Village, Dibrugarh, as part of Associate Village Programme in 17 August 2014



461st Birth Anniversary of Sri Sri Anniruddha Deva Celebrated in the Department of History on 30 April 2014. Sjt. Prabhat Bora, Retired Teacher, Nagaon Girls' College delivered the invited lecture. Noted scholar, Prof. K.D. Goswami and historian Amalendu Guha were felicitated as part of the programme



Dr Nahendra Padun delivering the Key note Address at National Seminar on Religious Texts, Traditions and Ritual Practices in North East India, organized by The Department of History on 25 September 2014. Prof. Alak K Buragohain, vice Chancellor inaugurated the Seminar.



Street-play enacted to sensitise the students about the menace of ragging



Prof. S P Biswas delivering the Welcome Address at the Training Camp on Ornamental Fish at Agia, Goalpara on 26-28 July, 2014



Students from a nearby village attending training programme conducted as part of DU's Associate Village Programme



# Inaugural Function of the Golden Jubilee Year Celebrations on 1 July, 2014

Reliving the Moments . . .



Late Dr. Lakshmi Prasad Dutta's bust was unveiled as acknowledgement of his contributions to the foundation of Dibrugarh University



Prof. Alak K Buragohian, VC, flanked by family members of Late L.P. Dutta, who were Special Invitees to the Opening Ceremony of the Golden Jubilee Year Celebration



Prof. M N Dutta, Registrar, hoisting the Dibrugarh University Flag during the Opening Ceremony of the Golden Jubilee Year



The Chief Minister of Assam, Sjt. Tarun Gogoi lighting the ceremonial lamp



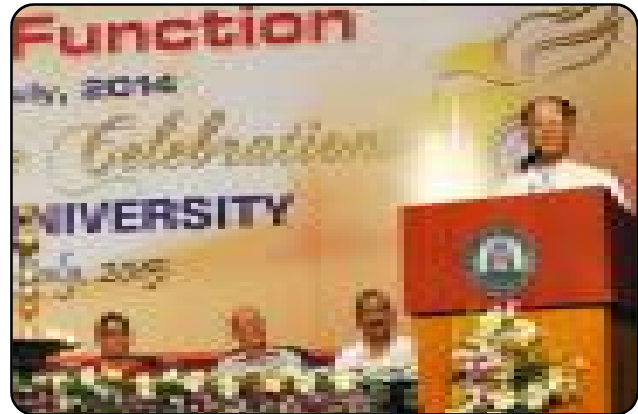
The Chief Minister Sjt. Tarun Gogoi being felicitated



Students singing the Inaugural Chorus



Prof. Alak K Buragohian, VC delivering the welcome address



Sjt. Tarun Gogoi, CM, presenting his deliberation



The Vice Chancellor lighting the ceremonial lamp



## INTERNATIONAL COLLABORATIONS



DU students interacting with a group of students from the University of South Florida, USA, with whom DU has initiated an academic collaboration



Two senior faculty members from the Kasetsart University, Bangkok, with the Vice Chancellor, Prof. A K Buragohain, along with other faculty members and officers. The DU has entered into an MoU with Kasetsart University.



The Vice Chancellor in conversation at the DU campus with His Excellency, Shri Gautam Mukhapadhyay, IFS, Ambassador to Myanmar. The University has created free studentship to study M.Tech. in Applied Geology at DU



The play *Taj Mahal* performed by DU students at the Rangghar. The play is written and directed by Pranjal Buragohain, faculty member, Department of Education

### Editor

Mridul Bordoloi

### Members

Paramananda Sonowal, Chandan Kr. Sarmah, Himadri Barman, Nomi Baruah, Partha Pratim Bora, Obja Borah Hazarika

### Published by

Registrar, Dibrugarh University, Dibrugarh, Assam Ph.:786004  
Tel: 0373-2370231, Website : [www.dibru.ac](http://www.dibru.ac)

Please e-mail your valuable comments and feedbacks to [newsletterdu@gmail.com](mailto:newsletterdu@gmail.com).